

TELEPHONE: CENTRAL 3617 TELEGRAMS: "CHEMICUS, CANNON,LONDON" (2Words) No. 2484.

Published Weekly at 42 Cannon St., London, E.C.4.

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SEPTEMBER 17, 1927.

ol. CVII.



This powder, when sprinkled on the Denture, gives immediate adhesion and keeps the Dental Plate fixed comfortably in the mouth.

Packed in handsome Cartons containing 1 doz. sprinkler-top tins:

Retail

Wholesale -

1/- and 1/9 per tin P.A.T.A. (Contains more than double)

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Anti-Obesity **Tablets**

deservedly popular specific for the removal of superfluous tissue, and in these days of "banting" such a preparation is in great demand.

Boxes of 60 silver-coated tablets, complete with Diet Regulations and Weight Register.

Per 9/6 doz.

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Chocolate Coated. Slide Boxes of 25.

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For use in conjunction with the tablets. Contains 1.85% Opium, and is outside the D.D.A. regulations.

> Tins, or Tubes with rectal nozzle.

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In Tubes, as illustrated. All at the same price—

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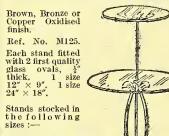
BRIGHTON

UP-TO-DATE DISPLAY FITTINGS for the AUTUMN and WINTER TRADE

J. C. KING'S SOLID OAK POLISHED PEDESTALS.



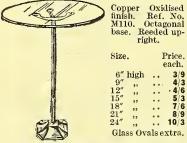
J. C. KING'S "CANVEY" METAL DISPLAY STAND.



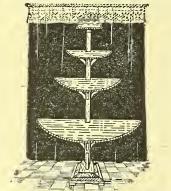
Height overall.	

	DITOIL	
$\frac{18''}{24''}$ $\frac{36''}{36''}$	11'' $17''$ $22''$	23/6 30/0 36/6

J. C. KING'S "SUMMIT" METAL DISPLAY STAND.



J. C. KING'S "MOORGATE" SOLID OAK DISPLAY STAND.



Ref. No. M212. An invaluable stand for displaying small goods. Height 23". Back to front 8". Wide 16". 16/0 each.

FIRST QUALITY GLASS OVALS.

1" thick. Polished edges.



10	× 10	3/0	1	30"	×	20"	12/6
J.		KING'S				_	4 ''

Brown, Bronze or Copper Oxidised finish. Ref. No. M111.



Heavy pattern base, §" Jacobean tube.

Size				Price	per doz.
5" hig	h		• •		23/0
7" 9"			• •	• •	25/6
9" "		 •	• •	• •	28/0 30/0
11" ,,	• •	 •	• •	• • •	30/0

J. C. KING'S "ST. PAULS" SERIES OF CRYSTAL GLASS PEDESTALS.

Ref. No. -OK262.



	- CO		
Size. Price	doz.	Size. Price	doz
4" high	8/9	14" high	31/
6" ,, 8" ,,	10/0	16" ,,	42/
8" ,,	14/9	18" ,,	46/
10" ,,	22/0	20" ,,	52/
12" ,,	26/0	1	

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'Phones : Clerkenwell **2317.** (5 lines.) 'Grams:
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London."

J. C. KING'S "ACME" METAL PEDESTAL.



Brown, Bronze or Copper Oxidised finish. Ref. No. M109. Fitted with green baize at top and base.

		_		
8	Size.		Pri	ce each
5"	high			2/0
7″	,,			2/2
9"	,,,	• •-		2/3
11"				2/5

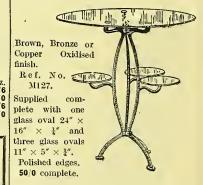
J. C. KING'S "LONDON" METAL TRIPOD DISPLAY STAND.

Brown, Bronze or Copper Oxidised finish, Ref. No. OK 270. Feet and top fitted with rubber studs.

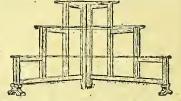
Size.	Price each.	
12" high	8/3	
15" ,,	10/6	W
18" ,,	13/6	
21" ,, 24" ,,	16/6	CO.
24" ,,	18/9	6
30" ,,	25/6	0

Glass ovals extra.

J. C. KING'S "MONARCH" METAL DISPLAY STAND.



J. C. KING'S "UNIVERSAL" SOLID OAK DISPLAY STAND.



Ref. No. OK211. Hinged to adjust to any angle, complete with three shaped glass shelves. Height 18".

Price, complete, 30/0.





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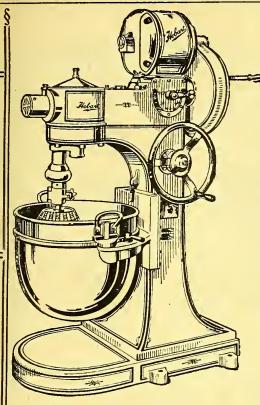
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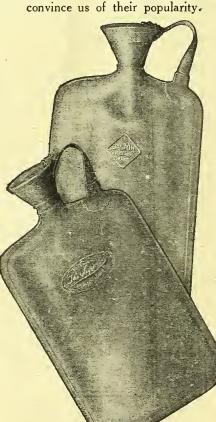
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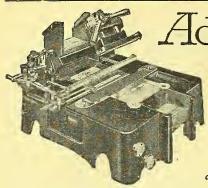
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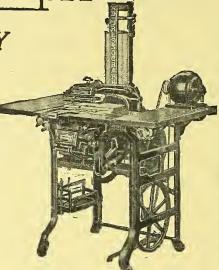
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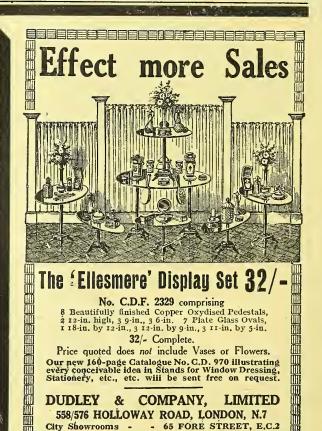
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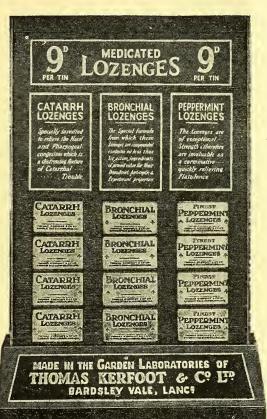


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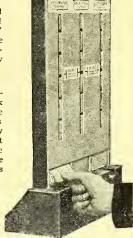
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For wrinkles.	OD		
ALLACITE OF ORAN	GE		
BLOSSOM		22/6	2/6
			-/ -
A dressing cream.		2016	011
BORANIUM		22/6	2/6
A hair tonic.			
CLEMINITE		22/6	2/6
	• •	22/0	2/0
For a face lotiou,			- 11
COLLIANDUM		22/6	2/6
For a face tint.		,	,
		22/6	2/6
PERGOL		22/0	2/0
· A deodorant.			
TEKKO PASTE		22/6	2/6
Camphor cream.		/-	-/-
		11216	116
STALLAX		13/0	1/6
For a shampoo,		{ 13/6 22/6	2/6
TEMPERATINE		31/6	3/6
	• •	31/0	5/0
For clearing the skin.			
PHEMINOL		36/-	4/-
A depilatory.			
MENNALINE		36/-	4/-
	• •	50/	-/
For the eyelashes.		(40)	01.
MERCOLIZED WAX		(18/→	2/-
A face cream,		31/6	3/6
STYMOL			
		36/-	4/-
For oily complexions and	black	heads.	
SILMERINE		22/6	2/6
Hair-curling fluid.			-, -
		0016	211
BARSYDE		22/6	2/6
Dandruff eradicator.			
TAMMALITE		22/6	2/6
For grey and faded hair.	• •	22/0	=/0
		0010	216
LIQUID PERGOL		31/6	3/6
To check excessive perspi	iration	locally.	
BICROLIUM		22/6	2/6
The militaria at	• •	22/0	2/0
For whitening the hands.			
COCONOIDS		31/6	3/6
For figure development.	-		
g ve ac relopatent			

The Products of

Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES :	• •,	\{\frac{36}{58}/6\}	4/- 6/6
SOFT PALERIUM For wrinkles.	• •	45/-	5/-
LIQUID NAIL POLISH Brilliant and lasting.	• •	10/-	1/-

Stocked by ALL Wholesale Houses.

FOREIGN AND COLONIAL DEPOTS AND AGENCIES.

South Africa: LENNON, LTD., Cape Town, etc. India: FRAMJEE & SON, Bombay, A. L. CHOUDRY, Calcutta.

New Zealand: SHARLAND & CO., Auckland and Wellington.
Holland: N. V. v/h HENRI SANDERS, Amsterdam.
Denmark: KARL SCHULTZ & CO., Copenhagen.
Sweden: ENEQUIST HOLME & CO., A/B, Stockholm.
Irish Free State: MAY, ROBERTS & CO., LTD., Dublin.



GREY HAIR

The old-fashioned idea of using a surface dye for the hair has gone the way of many of your staple lines. Modern research, backed by modern manufacturing processes and modern advertising, have altered this market entirely. Nuctone is now being used in every high-class hairdresser's saloon. It is safe, permanent and natural. It is easy to apply at home and has a remarkable record of success. There are many people who prefer to treat grey hair at home, they will naturally come to you. See that you sell them the best treatment. Keep up to date in your stock.

Order Nuctone now.

Small size 3/9 per bott. Trade terms 327- per doz. Large size 6/6 ,, 52/- ...

Showcards and explanatory booklets for free distribution are furnished on request.



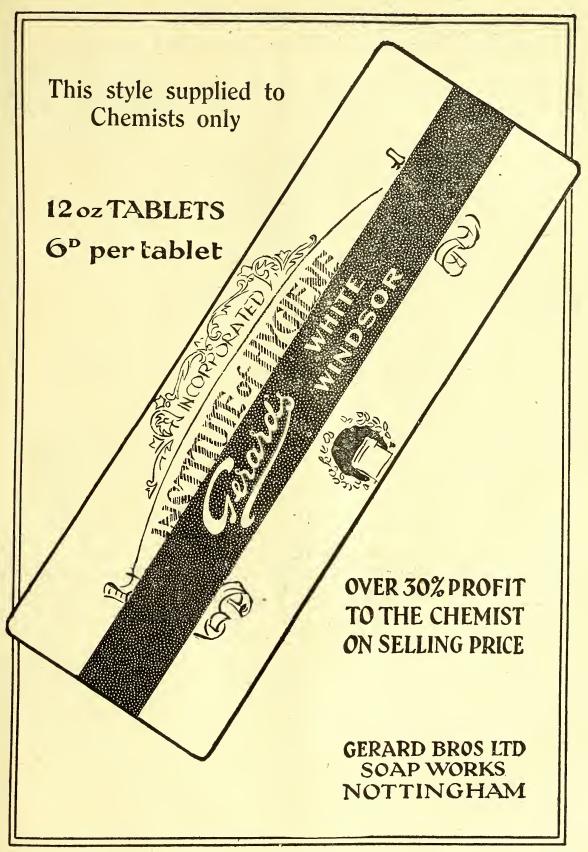
NUCTONE INSTANTER (in powder form) gives instantaneous results.

4/6 tin, 33/- per doz. 6/6 tin, 48/- per doz.

Manufactured by

STEWART, GOODALL & DUNLOP, LTD.

4 DERING STREET - - LONDON, W.1



Pears' Shaving Soap

Specially Made to Soften Beards

GOLDEN STICK

SOAP—Specially made from our exclusive formula to soften beards.

PERFUME—A rare blend of French natural essences. Refreshing without being effeminate.

CASE - Aluminium, with gold finish.

Price 1/3

SILVER STICK

SOAP—The same white soap and the same size as the Golden Stick.

PERFUME — The wholesome fragrance of the well-known Pears' Soap.

CASE — Aluminium, silver lacquer finish.

Price 1/-

Pears' advertising policy is to push the merits of shaving sticks as against other shaving preparations.

A. & F. Pears Ltd., London. Soapmakers to Their Majesties the King and Queen

PSS 24-8T

Ipana Sales are increasing!

Ipana Window Display Terms

PARCEL No. 1

Contains 6 doz. tubes at 10/- per doz.—total value £3 0s. 0d. Discount 10 per cent. Further cash discount 11 per cent.

PARCEL No. 2 Contains 3 doz. tubes at 10/- per doz.—total value £1 10s. Discount $7\frac{1}{2}$ per cent. Further cash discount 11 per cent.

PARCEL No. 3

Contains I dozen tubes—value 10/-. Discount 5 per cent. Further cash discount

Terms: 30 days net, earriage paid, Orders for any of these pareels may be sent through P.A.T.A. wholesalers. Attractive Ipana show material will be sent—free—on request.

> Ipana Tooth Paste BRISTOL MYERS CO.

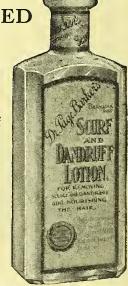
London, E.C.2 112 Cheapside

Every Bottle is GUARANTEED

E VERY bottle of Dr. Page-Barker's Scurf Lotion bears a positive guarantee that it will eradicate scurf or the purchase price will be refunded. This makes it the easiest to sell of all hair and scalp specifics. And the profit is handsome.

> 18/- per Doz. Retail - 2/6

With every order for 3 dozen you get three 2/6 bottles as bonus, handsome metal showand stand, attractive showcards.

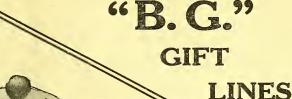


Scurt Lotion

Thos. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.



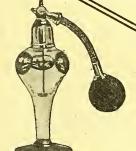
1002. 45/- doz.
Seven assorted, bold design on coloured backgrounds.



.....



10030. 27/- doz. Eight assorted floral designs on Pink, Blue, Mauve, Yellow



8258/10A/971/75 38/- doz.

Crystal, with engraved and stained panels



84/12/89E 56/- doz. Blue and Orange Tango with attractive design in Black

BRIDGEN & GRIFFIN

full Illustrated List

Send for

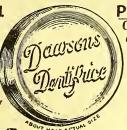
25 Bartlett's Buildings, London, E.C.4

..........



Superior quality satisfies your customers.
POINT 2
Attractively

packed



Considerably cheaper than any other on the market

Great economy in use.

POINT 5 The PRINCIPLE POINT + + + + your profit is 50-50 + + +

DAWSON'S DENTIFRICE costs you 3'-pr.dz. and sells at 6"per.tin. Larger Size 46 per doz. & sells at 9"per tin

SHOWGARDS BONUS FOR SUPPLIED WINDOW DISPLAY

Terms-Carriage & Package Free Monthly Account. Special Quotations for Wholesalers, Shippers & Large Buyers Order from your usual Wholesaler or direct from

FREER'S MANUFACTURING COMPANY IT.
6-7, NORTON FOLGATE BISHOPSGATE.
881715H MADE Phone Bishopsgate 2209 LONDON

-L'ONGLEX=

MANICURE SPECIALTIES

During the Months of SEPTEMBER & OCTOBER

BONUS OFFER showing 48%

on selling price will be made on

£2 ASSORTED PARCELS

A FREE BONUS of 1 DOZEN 6d.

COMPLETE OUTFITS with parcels

(assorted) to the value of .. £2

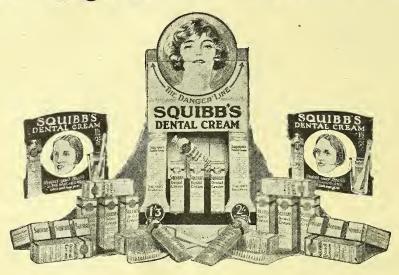
4 OUTFITS with orders value £1

= Sole Distributors to Chemists ==

THOS. CHRISTY & CO.

LONDON - - - E.C.4.

BE READY FOR YOUR SQUIBB'S CUSTOMERS



SIZES AND PRICES

P. A. T. A.

2/- size 16/- per doz. 1/3 size 10/- per doz. 6d. size 4/- per doz. $33\frac{1}{3}\%$ GUARANTEED PROFIT PLUS DISPLAY BONUS

This week the advertising of Squibb's Dental Cream has begun. Its message will spread into over 5,000,000 homes. And every chemist who holds stocks will find custom growing and growing increasingly every day.

DISPLAY SQUIBB'S IN YOUR WINDOW

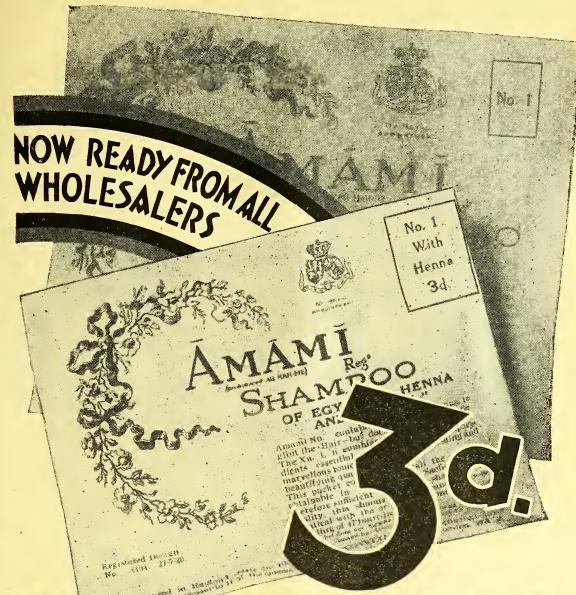
The watchword for chemists is "display!" Display Squibb's show-material in your window and the demand created by this powerful and convincing Squibb advertising will flow in your direction right from the start. Make your pharmacy the centre for Squibb's Dental Cream in your district.

BIG PROFIT ON SQUIBB'S SPECIAL PARCEL

There is still time for chemists who have not yet done so to order the Squibb's Special Parcel and make a Squibb Window-Display in unison with Squibb Advertising. There's big profit on returns for you in this parcel, but the offer is open only for a limited time! Immediate delivery if you order at once!

J. C. GAMBLES & CO. LTD. 211-215 Blackfriars Road LONDON S.E.1

SQUIBB'S ADVERTISING HAS BEGUN



The New Size AMAMI

Here is a new size Sachet that will quadruple your AMAMI Sales. Exactly as AMAMI Shampoos Nos. 1 and 5, but less quantity and without the Lemon Rinsing Powder and Tea Burnisher. The demand will be instantaneous. Be stocked in time. Order TO-DAY.

Bonus on Window Display Parcels of Amami Shampoos to value of 27/-.

Window Display Material from Wholesaler or from:

PRICHARD & CONSTANCE (MANUFACTURING) LIMITED, 11, Broad Street, Lordon, W.C.2.

"What's in a name?"

A strong selling force when you can say this

by the A, Q. F. B

ROTHBLOWER Toilet Products by any other name would sell well—on quality and value—but with this attention-compelling brand name they are without doubt the "lines of least resistance" in their class.

600,000 members of Ye A.O.F.B. have been individually, advised of the significance of the name, through the medium of the amusing little newspaper "Froth and Lather" (supplies of which are available for your shop).

Jolly old "Frothblower John" on colourful window bills and in lively press advertising—and the fact that you become a Blower (at our expense) as soon as you are a Stockist—still further strengthen the Frothblower links.



FROTHBLOWER
SHAVING SHAVING TOILER
SHAVING RETAIL
SOAP TO THE RETAIL
Manufactured by

FRIPPS LTD. [Toilet Specialists since 1745] BRISTOL

DAGGETT & RAMSDELL'S PERFECT

COLD CREAM AND

VANISHING CREAM



The prices are—PERFECT COLD CREAM.

From all Wholesalers or direct from

BROOKS & WARBURTON

(American Drug Supply Co.), Ltd.,

40-42 Lexington St., London, W.1

<u>a padada a padada a</u>

Manicure Requisites

Wholesale & Export Only. Made by a British Firm at Competitive Prices.

Orange Sticks, Emery Boards, &c., carded & boxed

Send your enquiries to-day to the British Firm with 35 years' experience.

Robert Lee 14 Calverley Grove, Upper Holloway, London, N.

PEARLSKIN

PREPARATIONS VANISHING BEAUTY BATH

POWDER

VANISHING CREAM

in Handsome Frosted Opal Pot. 1/10

13/3 doz.

in Artistic Dressing Table Box.

1/10

WHOLESALE:

WHOLESALE: 13/3 doz. (Subject) BATH CRYSTALS in 16-oz.

Bottle. 2/6

18/- doz.

Trade Enquiries— (Subject) PEARLSKIN PREPARATIONS,

(Dept. T1), 152 NEW BOND ST., LONDON, W.1.

Agency applications entertained where not at present represented.

NOTICE TO BRITISH DRUG AND **EXPORT HOUSES**

MERCOLIZED WAX

should not be included in your shipments SOUTH OR CENTRAL AMERICA, as these markets are controlled and the Trade the South Marks owned by American Company.

DEARBORN (1923) LIMITED

37 Gray's Inn Road, London, W.C.1

SPURWAY ET CIE, LTD.

66 Off the Beaten Track."

SPURWAYS

FOR ORIGINAL AND **EXCLUSIVE**

FRENCH SUNDRY LINES

PERFUME BURNERS

(Electrical-IIO and 220 volt.) An entirely novel line of Vaporisers made with highly artistic shell material. Ideal ornaments for the dinner table, drawingroom or boudoir.

PUFF BOWLS

In new French lacquer material. Exquisite colour effects. Original & quaint designs.

A novel line of beautiful female models by a well-known French artist, exquisitely moulded and dressed in various dainty costumes—for window display with toilet and perfumery lines.

The models and poses are most refined.

An irresistible attraction for the window.

FOR AUTUMN DELIVERY BOOKED ORDERS NOW BEING

Telegrams: "Neroli, London." Factories & Distilleries: Cannes-Grasse, Riviera. NEW YORK.

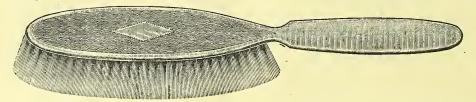
Telephone: Bishopsgate 1372. Technical Laboratories: Paris.

KINGSTON (ONTARIO).

THE NEW PATTERN

SHINGLE BRUSH

In Hall Marked Silver, Silver & Enamel, E.P.N.S. & Ebony



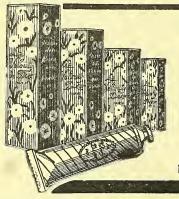
Send P.C. for Prices, also for Illustrated List of General Toiletware in Silver, E.P.N.S., Ebony, Tortoiseshell & Imitation Tortoiseshell & Cut Glass.

ADOLPH SCOTT.

23, 24, 25 & 26 Great Hampton Street, BIRMINGHAM

Telegrams: ADOLPH, B'HAM.

Telephone: NORTHERN 2102.



VELOUTY de DIXOR PARIS ..

COMBINED CREAM AND POWDER

Now on P.A.T.A. The advertised line that you are asked for. Samples free upon receipt of trade card or billhead.

PRICES :- Full size pot RETAIL 21 - dozen. Super tube Large tube Medium tube Handbag tube

Made in four shades: WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Sole British Agents: DEBACQ & HARROP, 68 Newman Street, Oxford Street, LONDON. W.1.



"LAUREL"

THE BLADE THAT THE BRITISH EMPIRE HAS BEEN WAITING FOR.



TRADE WITHIN THE EMPIRE.

SATISFACTION GUARANTEED.

32 Eyre Street

Phone - 25571 Sheffield.

maker of nickel - silver handled Pocket Knives for advertising purposes.

THE "LAUREL" BLADE

Send for free samples and compare with other makes. Supplied in Cartons of 12, 10, 6 or 5 Blades and Carded on Attractive Showcards.

Grams : " Laurel Sheffield."

No extra charge for special marking in quantities

TOOGOOD'S TOILET CREAMS



Packed in coloured Glass Jars. Fitted Polished Aluminium Caps.

No. 4557. LEMON CLEANSING CREAM IN YELLOW JARS.

 $1^{\frac{1}{4}}$ oz.

7/- doz.

 $2\frac{1}{2}$,,

 $2\frac{1}{2}$,,

9/6 ,,

No. 4606. VANISHING CREAM IN PEACOCK BLUE JARS.

 $1\frac{1}{4}$ oz. 7

7/- doz. 9/6 ,,

No. 4607. MASSAGE CREAM IN PALE BLUE JARS.

 $1\frac{1}{4}$ oz. 8/- doz.

 $2\frac{1}{2}$,, 11/6 ,,

No. 4608. CLEANSING CREAM IN EMERALD GREEN JARS.

 $1\frac{1}{4}$ oz. 7/- doz.

 $2\frac{1}{2}$,, 9/6 ,,

No. 4609. SKIN FOOD IN MARONE JARS.

 $1\frac{1}{4}$ oz. 8/- doz.

 $2\frac{1}{2}$,, 11/6 ,,

Packed in Show Boxes of ½ dozen.

Customer's name, etc., printed on Labels free for orders of 3 dozen of any one cream assorted sizes.

Manufactured only by

WILLIAM TOOGOOD LIMITED

77 SOUTHWARK STREET

LONDON, S.E.1.

Millions of chins are shaved every day.



91 1925 Great BRITAIN imported from U.S.A. 6,283,588 Dozen Safety Razor Blades Value 3,771,232 Dollars

This money was sent out of the country, yet "Souplex" Blades are equal to any in the world, are British made, and retail at half the price of most other makes.



Safety Razor Blades

give you

331/3% Profit

on the selling price-

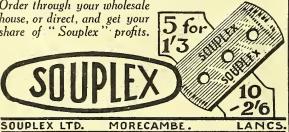
1d. on each blade.

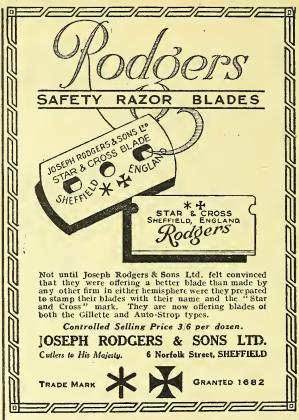
5d. on each packet of 5. 10d. on each packet of 10.

12,000,000 men read in the National Press every month the merits of "Souplex" Blades, and the sales are increasing rapidly. They fit any standard double-edge safety razor, and every blade is guaranteed.

Stock "Souplex" Blades so that the public will be able to procure them readily.

Order through your wholesale house, or direct, and get your share of "Souplex" profits.







G. B. KENT & SONS, LTD.

Are known the World over as the Largest Manufacturers of

EST RUSHES

Please write for full Particulars to-

75 FARRINGDON ROAD, E.C.1.



NOW READY!

OUR NEW ILLUSTRATED CATALOGUE OF

TOILET REQUISITES and DRUGGISTS' SUNDRIES

700 ILLUSTRATIONS)

Contains full particulars with latest prices of our numerous manufactures, including many up-to-date

POWDER PUFFS, TRAVELLING COMPANIONS WASHING GLOVES, etc., WATERPROOF GOODS

and a host of attractive Specialities for Chemists' and Fancy Trade.

IF YOU HAVE NOT YET RECEIVED A COPY, WRITE FOR ONE NOW!

SOLPORT'S GOODS ARE ALWAYS GOOD GOODS

SOLPORT BROTHERS 184-190 GOSWELL ROAD, LONDON, E.C.1



Best English Make. Packed in Cartons. SAMPLES AND PRICES ON APPLICATION

C. F. MARSHALL & SON Devonshire Works, Devonshire Rd., IACKNEY - LONDON, E.9

FRIZZETTA KEEPS THE HAIR IN CURI, PELLETTA COMPLEXION 1/4 3/3 SE-TABA TABLETS THE NEW TONIC 1/3 3/-PALL WHOLESALE HOUSES, 2 DOZEN ORDERS ASSORTED, CARRIAGE PAID. Maker: F. W. BATES, Brooks's Bar, MANCHESTER.



Telephone: Axminster 5.

Telegrams: "Coate, Axminster."

COATE & CO. (Axminster) Ltd.

The London Brush Works, Axminster, Devon.

Estab. 1847.

Manufacturers of Super British Brushes

Our Special "PROPHYLACTIC" Tooth Brushes-

3 row Hard, Medium, Soft, Yellow Hair @ ... 16/- per dozen

Orders for one gross supplied in Cartons with customer's name and address free. British made by British Labour. Send for our present list of prices. Every Brush Guaranteed.

WE make the sales-YOU take the orders and the BIG PROFITS

Two Heavily Advertised Lines—

Curature !

If you wish to share in Big Money you will be wise in ordering the above from your Wholesaler. You get these Handsome Terms for two extensively advertised lines:-

DR. MAY'S MAGNETIC COMB 18/- per dozen. Retailing at 2/6 each.

DR. COLE'S CURATIVE SOAPS 6/- per dozen. Retailing at 9d. per tablet.

Show Cards and Advertising Matter freely supplied. Our lines really SELL AT SIGHT.

COLE & CO. 24 BUCKINGHAM STREET, STRAND - LONDON, W.C.2.

24 BUCKINGHAM STREET, 'Phone: Holborn 0318.



Needed by **Every Man** who Shaves

VERY male customer who enters your shop either uses a Sorbo sponge or needs one. Once a man has tried a Sorbo on his cheek after shaving, he'll not only get the Sorbo habit, but he'll recommend it.

And every woman loves a Sorbo!

That's why you can count on this splendid line of British Rubber Sponges to bring you in good and steady profit all the year round. They're getting more popular than ever, and there's greater turnover for you if you give your stock of Sorbos a good display.

Order now from your Wholesaler, If any difficulty write us. Price list and trade terms on application.

THE MOST ABSORBENT RUBBER-SPONGE

SORBO RUBBER-SPONGE PRODUCTS, LTD. Sorbo Works,

Telegrams: "Sorbo, Woking."

Telephone: Woking 966 (2 lines)



We make no exaggerated claims on behalf of our product, but instead we sell



undera definite money-back guarantee of satisfaction, particulars of which will be sent on request.

EVERY CHEMIST SHOULD STOCK THEM.

I Box 100 Blades at £1 2 3 per box

5 Boxes , at £1 1 8 ,,

5 Boxes at £1 0 10 TO

Terms: Monthly, less $2\frac{1}{2}$ %. Carriage paid on 3 box lots and above.

JAMES NEILL & CO. (Sheffield) Ltd. Crucible Steel Manufacturers, NAPIER STREET SHEFFIELD.



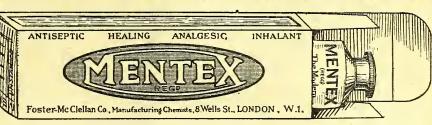


PATENT DAYMARKED FOR SAFETY RAZORS For Gillette Type Razors only.

Manufacturers: W. J. MYATT & CO., LTD. ARGENT WORKS - - BIRMINGHAM.

A New Foster-McClellan Product

Imitates None Surpasses All



for relieving Retails at 1/3 per tubeyielding 28% profit, if bought on best terms.

Full specimen package will be sent to any Chemist, free upon request.

Nasal Catarrh, Influenza Hay Fever, Sore Throat, Neuralgia, Neuritis, Rheumatic Pains, Etc.

Remember our Guarantee

exchange, refund or for at invoice price, any goods

Foster-McClellan Co., Manufacturing Chemists, 8 Wells St., London, W.1.

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family pecessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to-

OSCAR SCRUTON & CO., YORK

HIS TILL KILLS LOSS





GLASS BOTTLES

Large Stocks of PHIALS, PANEL FLATS, COUGH MIXTURE PANELS, MEXICAN FLATS, CANNON ESSENCES, &c., at low prices.

Write for Prices to—

FREDK. YOULDON (Formerly Proprietor of E. Youldon. Established 1840.)

68 BASINGHALL STREET, LONDON, E.C.2.

'Phone: London Wall 3529.

Telegrams: "Youldon, Ave, London."

Dont buy tips-buy Jippers

Expels Terror of Caked Bag CURES SORE

CUSTOMERS SAY:

A BLESSING IN THE HOUSEHOLD AND IN THE STALL "VERY GOOD FOR HARD BAGS.".
"CURED A BAD CASE OF GARGET." Specimen COWS RELIEF IS VERY RELIABLE."

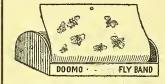
In tins, 14/-, 21/-, & 45/-

Specimen tin, 6/4

B. C. TIPPER & SON, LTD., THE VETERINARY CHEMICAL WORKS, BIRMINGHAM

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医医医医医医医医



THE DOOM OF THE FLY

"DOOMO" FLY BAND, wide and long, also narrower one.

SMITH & CO., Doomo Works, NEWARK.



These preparations command a ready sale and are by far the largest advertised of any on the market. They are protected at prices that leave a good margin of profit for the retailer, and the terms on which they are supplied preclude any possibility of loss. We have an excellent range of literature and show cards, and do all in our power to assist chemists by referring mail customers to them.

WRITE FOR PRICE LIST AND TERMS.

A. F. SHERLEY & CO., LTD., 18 MARSHALSEA ROAD, LONDON, S.E.1.

Tei. No. : Hop 1897. Telegrams: "Sherleydom, London." A well-advertised line

showing PROFIT of

One in every four of your adult customers is a prospective buyer of Bob Martin's **Tasteless** Condition Powders, Recommendations from Fanciers and weekly advertisements in the Daily Mail, etc., have created a big demand

Send your order to-day.
Your wholesale houses can supply.

CONDITION POWDERS

Since 1892 the Best-known Doggie Remedy. BOB MARTIN LTD., SOUTHPORT, LANCS.

Are by far the most efficient and economical for destroying sucking Insects in Greenhouse, Garden, Orchard & Field

PURE NICOTINE, SOAP, POWDER, FUMIGATING & VAPORISING forms

Full particulars from :-

J. D. CAMPBELL Manufacturer, 17 Lund St., Cornbrook, Manchester





in Solid Mahogany.

Size

 $20'' \times 11'' \times 8\frac{1}{2}''$. Rolls 5" wide.

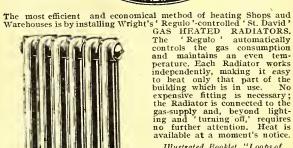
£7:4:

CATALOGUE ON REQUEST.

E. BERG, Ltd. 336 OLD STREET LONDON - E.C.1



WRIGHT'S '-CONTROLLED



Illustrated Booklet, "Loops of Heat," with specification and quotation, on application.

John Wright & Co. Essex Works, ASTON, BIRMINGHAM.

Showrooms:
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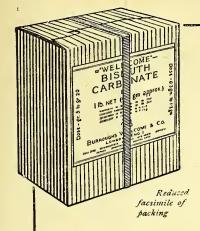
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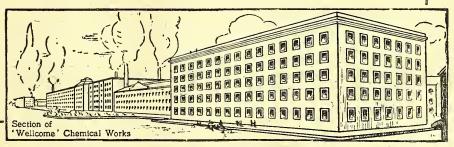
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"C. & D. Diary," 1928

"Known, Admitted and Approved" Remedies

The publication of The Chemist and Druggist Diary, 1928, which will take place in December, affords a unique opportunity of registering formulas for "known, admitted and approved" remedies, which can then be sold by chemists free of medicine-stamp duty, provided the appropriate reference to this standard work is given on the label of the preparation. It is an exceptional opportunity for chemists who require to make revisions rendered necessary by changes in poison law or developments in pharmacy. It is necessary that formulas, either new or modified, with the title under which the article is to be sold, should be submitted not later than October 17 for inclusion in the Diary. In view of the large number of formulas received and of the fact that each year many chemists overlook the date fixed, we desire to point out that part of the Diary goes to press a few days after. Consequently we cannot publish any formulas received after the date mentioned. Formulas, which must be written on one side of the paper only, should be addressed to the Editor, C. & D., 42 Cannon Street, London, E.C.4.

English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Dangerous Drugs Acts Case

At Tunbridge Wells, on September 8, Annie Maud Anderson was charged under the Dangerous Drugs Acts with attempting to obtain morphine tablets on April 11, and further, with a similar offence on August 29. According to evidence given by Mr. Walter C. Fry, chemist and druggist, 16 Calverley Road, defendant called at his pharmacy on April 11 and said she was a doctor. She then asked for a tube of morphine tablets of 4 grain, and for some other goods. He told her he was out of stock of the tablets until the next day. She gave him an address to which to send the goods, but on finding that it was a false one he communicated with the police. Further evidence was given by Mr. H. C. Chappell, chemist and druggist, assistant to Mr. A. E. Hobbs, Ph.C., St. John's Road, who said prisoner came to the shop on August 24 and made an ordinary purchase. She came again on August 29 and wrote out a prescription for some morphine tablets; she signed the prescription: "Alice Mand Anderson, M.D." He told her he would have to get the tablets, and informed his employer. Police evidence was to the effect that accused was not a doctor, and that her real name was Mary Gordon. Defendant pleaded guilty to the charges and was sentenced to three months' imprisonment in the second division.

Business Disposal Application

There was an application, at Preston County Court on September 13, regarding the affairs of Alfred Martyn Hibbert, chemist, formerly trading in Market Street, Preston. The application was to set aside the sale of his business to Martyn's Stores, Ltd., the managing director of which was his father, Mr. S. M. Hibbert, The application was granted by the judge. It was stated on behalf of the trustee that debtor started business in 1993, and in February, this year, he was adjuding ness in 1923, and in February this year he was adjudicated bankrupt. Last November he received a loan of £50, for which the respondent firm took credit, and in December they paid £200 direct to the sheriff's officers to discharge two executions. On December 3 an assignment was made by the debtor of the whole of the stock, fixtures and goodwill to Martyn's Stores for the purported consideration of £500, which sum, it was contended, was never paid to the debtor. The money was paid to various of his creditors by Martyn's Stores. The Judge said if debtor had made a correct statement of affairs there would have been no difficulty about the matter. The Judge declared the assignment null and void on the ground that it was done to make arrangements with debtor's creditors to the disadvantage of other creditors. He ordered the recovery of the assets, and expressed a desire that Martyn's Stores, Ltd., should be put in the position of the creditors whose liabilities they had discharged, including the preferential claim.

Inquests

An inquest was held at Manchester, on September 14, on the body of Mr. Sidney Rawson Wilson, M.B., Ch.B., a well-known anæsthetist, who lost his life while experimenting on himself. Dr. Wilson, who was wearing a mask when found dead, apparently thought he was using a mixture of nitrous oxide and oxygen, whereas the oxygen supply was exhausted. Dr. S. Kelly, a colleague of the deceased, said Dr. Wilson was trying to invent a mixture of gas and oxygen which would sup-port consciousness so that persons might be conscious to everything else except pain. He was experimenting with a mixture of nitrous oxide, oxygen and air. A verdict of accidental death was recorded.

At Retford, on September 8, an inquiry was held regarding the death of William Gouldthorpe, warehouseman, in the employ of Mr. E. Preston, Ph.C., West Street, Sheffeld. According to the police a bottle labelled Morphia chloride "was found near the body, and medi-Sheffield. cal evidence was to the effect that the symptoms prior to death were consistent with morphine poisoning. Mr. E. Preston said the youth had been in his employ for about

ave years, and had an excellent character. There was nothing whatever wrong at the works. The bottle produced was not in his stock, but might have formed part of some taken over by his firm about two months ago. Gouldthorpe had access to poisons, but not to morphine. A verdict of suicide by morphine poisoning was recorded.

Birmingham

Extensive alterations are taking place at the Technical College, Suffolk Street, to give better accommodation to the pharmacy students.

Mr. William Jerome, who celebrated on Scptember 6 his ninety-sixth birthday, has been with Thornley, Ltd., wholesale druggists, Snow Hill, since his youth.

The May Lane Allotments Association held their annual flower and fruit show at the Co-operative Society's Hall recently. The judges' committee and visitors were entertained by the Misses D. and V. Alcock, daughters of Mr. F. H. Alcock, F.I.C., Ph.C., president of the Association.

Liverpool

The Liverpool Pharmacy Club's rooms at the De Haden Café, Whitechapel, are to be open each Sunday and Wednesday from 3 p.m. until 11 p.m. Chemists who are non-members are cordially invited to pay a visit.

Civic week opens on September 23 with a banquet and ball at the Midland Adelphi Hotel. The guest of the evening will be the Earl of Birkenhead. The Lord Mayor and Lady Mayoress, Sir Leslie Scott, and Sir Archibald Salvidge will also be present.

Sir Max Muspratt, who was a delegate to the recent World Economic Conference at Geneva, speaking at Liverpool on September 8, said at the back of the purchasers' mind was a suspicion as to this coming together of makers in various industries, although there was, at the same time, an inclination to give industrial combinations an opportunity to make good. Under a sound system of rationalisation it was the duty of manufacturers to absorb the workers displaced by improved industrial methods. He was pretty certain that those industries which had combined for mutual improvement would be able to show an increase in the total employment and a reduction in the price to the consumer.

Sheffield

Mr. H. J. Griffiths, chemist and druggist, Longton, Stoke-on-Trent, and formerly of Sheffield, has taken over the Broomhall Street business of Mr. C. H. Bradwell, chemist and druggist.

The instructions on the working of the new terms of chemists' service to the Insurance Committee appear anything but definite, and Sir William Hart, clerk to the Sheffield Committee, in a report, says the Minister of Health will no doubt find it necessary to issue further information and instructions, particularly regarding the chemists' accounts for the period of 1927 which has already elapsed. The payment to chemists for dispensing during the month amounted to £1,958 14s.

Miscellaneous

PROPOSED SHOPPING FESTIVAL.—The tradesmen's associations of Burslem, Fenton, Stoke-on-Trent, Hanley, Longton and Tunstall propose to hold a shopping carnival in the six towns from October 21-29.

IN THE COURTS.—At Old Street, London, on September 9, G. Power and W. Murrell, trading as Neate's 385 Bethnal Green Road, were summoned for selling lime juice cordial which contained salicylic acid to the extent of 80 parts per million by weight. From the evidence it appeared that the lime juice was purchased from a wellknown manufacturer five years ago. It was very old stock, and there were only two bottles left. The summons was withdrawn on payment of two guineas costs.

STAFF OUTING.—The annual outing of the Cardiff staff of Francis Newbery & Sons, Ltd., was held recently, when a party of 50 proceeded to Symonds Yat, the ruins of Tintern Abbey being explored on the way. After lunch, there were various sports, prizes for which were distributed by the manager of the Cardiff house, Mr. E. G. T. Loyley, and Mrs. Loyley. The

party had a most enjoyable time. The excursion was by charabancs, and the weather being exceptionally favourable, the glorious views en route through the Wye Valley were seen at their best. Mr. W. H. Morgan, one of the clerical staff, was responsible for the organisation of the outing, and Mr. L. H. Stock for the sports side.

CRICKET.—The chemists of North Staffordshire held their annual cricket match at Porthill on September 8, when a keen game took place. Tea was served during the interval, and a vote of thanks was proposed by Mr. G. A. Dale to the Porthill Cricket Club and their ladies who so kindly served tea. The vote of thanks was seconded by Mr. W. Stanier. Scores were as follows :--

Chemists' Team . \	Staff Team
Mr. Pickering, b Adder-	Mr. T. Adderley
ley 13	Mr. M. Z. Bailey
Mr.G. McEllin,b Rowley 27	Mr. Rowley
Mr. Parkinson, not out . 43	Mr. G. H. McEllin
Mr. Burnarett, b Adder-	Mr. S. Machin
ley 2	Mr. Palmer
Mr. S. R. Farmer, b	Mr. W. Stanier, not out
Adderley 18	Mr. E. Wedgwood, not
Mr. Clark, not out 1	out
Mr. Moorehous	Extras
Mr. Mason, Did not bat	*
Mr. Bond,	
Extras 6	
	TT . 4 - 1 (C G) - 4 - \

Total (for 4 wkts.)... 110 | Total (for 6 wkts.)... 100

19 2 17

Irish News

Meeting of Creditors

At a meeting of the creditors of James F. Dunwoody, trading as Dunwoody's Medical Hall, 183 Parnell Street, Dublin, at the offices of Martin & Co., accountants, Suffolk Street, Dublin, an offer was made of 1s. in the £ in cash. Amongst the creditors are Ayrton, Saunders & Co., Ltd., Liverpool, £20; City Chemical & Colour Co., Ltd., Dublin, £12 18s.; A. de St. Dalmas, £52 5s.; Hanson, Deacon & Co., Dublin, £16 15s.; May, Roberts & Co., Ltd., Dublin, £56 10s.; Shelley, Templemore,

Brevities

Mr. W. G. Cunningham, Ph.C., has been appointed compounder of the Lisburn Street Dispensary, Dublin, by the Dublin Union Commissioners.

The pharmacy of Mr. H. T. Smyth, Ph.C., Strand Road, Londonderry, had a narrow escape from fire on August 29, the adjoining premises being destroyed. Portion of the stock had to be removed as a precautionary measure.

September 19 will be the last day for receiving nomina-tions for the Council elections of the Pharmaceutical Society of Northern Ireland. The Chemists and Druggists' Society of Ireland have not selected its nominees in room of Mr. Moffet and Mr. Suffern, but it is expected that the choice will fall on Mr. Samuel Gibson, J.P., for many years treasurer to the Society, and Mr. William Martin, secretary to the Society. Mr. Moffet and Mr. Suffern will stand as pharmacists' representatives. The result will be declared on October 3.

The members and lady friends of the Chemists' and Druggists' Society paid a visit recently to Copeland Island, on the invitation of the president and Mrs. Storey. The on the invitation of the president and Mrs. Storey. The company was provided with a special saloon carriage to Donaghadee, and were conveyed to the island in two large motor boats. The party made a tour of the southwestern portion, and on their return refreshments were served. Mr. W. E. Wilson, in a short speech, moved a vote of thanks to Mr. and Mrs. Storey for their kindness. Mr. S. Gibson, J.P., treasurer, seconded. Mr. Storey replied, and gave a brief description of the island and its inhabitants. The company then visited the old grayer and where some of the memorial headstones date graveyard, where some of the memorial headstones date back to 1742. The party was joined by quite a number of the staff of Fred Storey, Ltd., who entertained the company with music. A most enjoyable day was spent

Scottish News

Brevities

Mr. A. D. Mackie, 35 Leith Street, Edinburgh, has been appointed Scottish agent for the Retail Pharmacists' Supply Association, Ltd., London.

Mr. William W. Spence, chemist and druggist, who holds the office of Baron-Baillie of Blackness, is a member of the committee appointed by Linlithgow Town

Council to consider town improvements.

A newsveudor named John McDougall McConnell, aged thirty-six, 44 St. Catherine's Court, High Street, Perth, was found in a stable at Maggie's Park, Mill Street, Perth. The police surgeon certified death as being due to lysol poisoning.—Entering the house of her father-in-law at 413 Gallowgate, Glasglow, Elizabeth Kinnear or Hunter, aged twenty-eight, stated to the family that she had taken a quantity of lysol. After treatment by a doctor she was removed to the Royal Infirmary, where she expired fifteen minutes after admission.

Edinburgh

Edinburgh Autumn Holiday falls on September 19, when all wholesale houses will be closed.

The members of the Edinburgh Chemists' Golf Club held a competition over the Liberton course on September 7 for the Pinkerton Gibson trophy, with the following results: (1) W. S. Spence, 74; (2) A. Henderson, 76; (3) R. L. Munnoch, 80. The winner of the trophy is R. L. Munnoch, with an aggregate of 146, and runner-up A. Henderson, 155; other scores are E. Knott 157 and R. G. Wright 157. The final outing of the season takes place over the Duddingston course on September 28 when the club prizes will be competed for. The annual general meeting of the club will be held in the club house after the competition.

Glasgow

Frances & Green, Ltd., Buchanan Street, Glasgow, have a window show of their celebrated lavender water. The Scottish Chemists' Bowling Association's single-handed (knock out) competition for the Travellers' Trophy took place on Rutherglen Bowling Green on September 7. There were twenty-nine competitors. In the semi-final rounds, Messrs. H. G. Gray and A. McLennan beat Messrs. J. T. Simpson and W. Seivwright. In the final, Mr. Gray beat Mr. McLennan. The trophy and prizes were presented to the winner and runner-up by Mr. T. Bayne, president. After votes of thanks to Mr. Bayne, president, Mr. J. T. Simpson, secretary, and directors of the green, a most enjoyable day was brought to a close at 6.30 p.m.

French News

From the "C. & D." Paris Correspondent.

SUNDAY CLOSING DISPUTE.—Figures have been published showing that the number of Parisian pharmacists affiliated to the General Association, supporters of Sunday closing, which was 1,158 when the decree was promulgated, is now 1,225. The Société Libre, the opponents of the measure, had a membership of 100 out of the 1,400 pharmacists in the Seine department.



FOR THE SALE of the new postage stamp of '90' centimes, just issued in honour of the centenary of the birth of Marcelin Berthelot, sometime professor at the Paris Superior School of Pharmacy, a special "guichet" with barriers in case of a queue has been provided by the Post Office.

DR. HENRI LECLERC, who has made a special study of galenicals of vegetable origin, has published a volume on "French Vegetables." Besides numerous culinary receipts (the variety of vegetable dishes being one of the features of French cuisine) he mentions the use of cabbage leaves for varicose ulcers, garlic for bronchial troubles, celery as a diuretic, and spinach to increase the proportion of hemoglobin.

The proposition to raise a subscription, exclusively reserved to pharmacists, to re-erect the statue of Parmentier, which disappeared in 1918, when the Germans took Montdidier, has elicited some curious notes by M. Toraude. He reminds us that when Parmentier, apothecary-major in French Army in 1757, was taken prisoner by the Germans, he humorously remarked: "These hussars are the cleverest valets I know; they stripped me more quickly than I could have done it myself; they are very honest chaps too, they only took my clothes and my money." He also mentions Parmentier's reception by the Corporation of Apothecaries of Paris in 1774: "M. Jacques François de Machy has presented to us M. Jean Antoine Auguste Parmentier, apothecary-major at the Hotel des Invalides . . . and we have immatriculated the said Parmentier, who has handed us as a gift 100 livres towards the expenses of our garden and laboratory." It was the custom for those received into the Corporation to make a gift, and as the "garden" included a kitchen and a dining-hall, a banquet could have been offered by the new member in honour of his reception, were he so generously disposed, without transgressing the traditions of the Corporation.

Hairdressing Exhibition

THE annual Hairdressing and Allied Trades' Exhibition opened on September 10 in the Holland Park Hall, London, and will continue until September 17. Although the exhibition is primarily of interest to the hairdresser, the majority of exhibits being exclusively those articles required by or for the treatment of his clientèle, of the firms and whose products are of interest to the pharmacist. These exhibits consist chiefly of toilet prepharmacist. These exhibits consist chiefly of toilet preparations, face creams, lipsticks and perfumes. The Ersmic Co., Ltd., exhibit a new range of toilet requisites under the brand name "Peerless" and also "Old London Lavender"; Nildé (Paris) Agency, Ltd., display the Poudre Nildé in the new metal box with interchangeable sifter and puff, Rouge Invisible and Nildé perfumes; Tokalon, Ltd., Poudre and Crême Tokalon, Kijja (liquid white), perfumes and lipsticks; and John Morgan, Richards & Sons, Ltd., exhibit a complete range of "Marinello" American beauty preparations. J. & E. Atkinson, Ltd., have a display of their new perfume "Au Revoir," as well as their famous gold medal Eau de Cologne and bath salts; J. Lesquendieu, Ltd., lipsticks and other toilet prepara-LESQUENDIEU, LTD., lipsticks and other toilet prepara-tions; and Cory (England), LTD., display Coty pertions; and Coty (England), Ltd., display Coty perfumes and powders, brilliantines and lipsticks. The Oatine Co. display their cream and show in the "Wedgwood" packing, face powder and shampoo; Palmolive Co., soap, shaving cream, shampoo and toilet articles; Papier Poudre, Ltd., powder leaves; and Preemo Concentré & Essential Oil Co., "Preemo" essences. R. J. Reuter Co., Ltd., agents for "4711" preparations, exhibit "4711" Eau de Cologne and perfume sprays, puff bowls and puffs of their own make. Hair dyes and restorers, which one would expect to be prominent among the displays, are exhibited by only be prominent among the displays, are exhibited by only a few firms. Evan Williams Co., Ltd., display henna shampoo. Debaco & Harror exhibit L'Oreal Henne hair dyes, Velouty de Dixor, and Worth (Paris) perfumes, for which they are the sole agents; and Stewart, GOODHALL & DUNLOP, LTD., feature their new instantaneous hair dye, "Nuctone Instanter." The Koko Maricopas Co., LTD., display Koko for the hair, shampoo powders, vanishing cream and complexion powder. Innoxa (England), Ltd., complexion milk, skin balm, creams and powder; and the DAE HEALTH LABORATORIES feature their depilatory "Veet." The stand of JEYES SANITARY COMPOUNDS Co., LTD., contains a display of Jeyes Fluid. lysol, shaving cream, soap, and other sanitary preparations. Pneumatic wild boar bristle brushes are displayed by Mason Pearson Sell-Ing Agency, Ltd., cash tills and cash registers by G. H. Gledhill. The Dhaussy Powder Box Co., Ltd., exhibit a sifter powder box for loose powder, and Diamond Strop, Ltd., display "Diamon" razor strops and shaving brushes.

Colonial and Foreign News

ZANZIBAR has fourteen registered chemists. They are equally divided between private practice and Government service. They are nearly all Goans.

RUSSIAN THERMOMETERS.—The manufacture of clinical thermometers has been resumed by the Drushnaya Gorka works in Leningrad, which is stated to be now producing 400 thermometers daily.

PORTUGAL PROHIBITS IMPORTED OLIVE OIL.—H.M. Representative at Lisbon has reported by telegraph that the importation of olive oil into Portugal is prohibited, and other edible oils may only be imported under special permit from the "Bolsa Agricola."

GROCERS AND DRUGS IN TASMANIA.—Early in May a fine of £2 with costs, and £2 2s. counsel's fee, was imposed on a young man employed in a grocery and confectionery shop in Launceston, charged with having sold a box of medicinal tablets, which, according to the regulations governing the sale of drugs, must not be sold by dealers when there is a pharmacist within two miles.

Fascist "Sindacato" of Italian Pharmacists.—Following the recognition of the "Sindacato Nazionale Fascista dei Farmacisti," the position of pharmacists regarding its judicial powers has been definitely established: (1) The Sindacato is the only body invested with the right of fully representing the whole pharmaceutical body. (2) It is exclusively reserved to the Sindacato to deal with matters concerning the protection of the moral and material interests of the profession, and the exercise of the practice of pharmacy according to the laws. (3) Intervention on the part of other associations would be futile, prejudicial, as well as an illegality.

Indian contracts placed.—The following contracts were placed by the Director of Contracts, Army Headquarters, Simla, during May 1927: Soda ash and soda caustic, Brunner, Mond & Co., Ltd., Calcutta, value Rs. 4,830; shellac, Turner, Morrison & Co., Ltd., Calcutta, value Rs. 5,177; liquid ammonia and sulphurie acid, D. Waldie & Co., Konnagar, value Rs. 2,971; barium nitrate, pure, Chlorogen Co., Bombay, Rs. 875; hydrochlorie acid coml. and nitric acid coml., The Bengal Chemical & Pharmaceutical Works, Ltd., Calcutta, Rs. 2,754; hydrochlorie acid coml., sulphurie acid coml., and nitric acid, D. Waldie & Co., Calcutta, Rs. 1,068.

AUSTRALIAN RECIPROCITY.—A communication has been received by the Pharmaey Boards of Australia from the Pharmacentical Society of Ireland regarding reciprocity. Particulars as to standard curriculum and examinations were forwarded, and the Irish Council stated that it would keep the standard on a par with that of Great Britain. The South Australian, Queensland, and Victorian Boards considered that the arrangements for reciprocity was a matter affecting all the States, to be discussed by the Australian Pharmaceutical Conference. The New South Wales Board and the Western Australian Council agreed to the proposals, and the Tasmanian Board has the matter under consideration.

Medicine chests in Hungary.—Local councils are required by law to provide medicine chests in those places which are distant from a pharmacy. By a ministerial decree the medicine chest may contain only forty-eight medicaments, and these are to be used solely by the doctor, who has charge of the chest, for the direct treatment of patients. The number of these chests has been increased in recent years to ninety-five, and the trade of the pharmacies appears to have suffered in consequence, as the chests contain not only the usual drugs but also specialities. Representation made by the Hungarian Pharmaceutical Society has resulted in stricter control of their use, and a reduction of the contents to the required official maximum.

Pure food conference in Melbourne.—The fourth interstate pure food conference, under the presidency of Dr. Edward Robertson, head of the Victoria Health Department, was held recently in Melbourne, with the object of arriving at uniformity with respect to standards for foods and drugs. The pharmaceutical-

representative, Mr. A. R. Bailey, was absent in England, and the only pharmacist present was Mr. A. J. Miller, Hobart. Pharmacists and manufacturers await the publication of the conference report, as it is believed that a definite decision regarding the standard for infants, and invalids foods was arrived at, and that all drugs contained in proprietary medicines having therapeutic value will have to be declared

Canada's First Apothecary

Louis Hébert was the son of an "apothicaire" in Paris, in the service of Catherine de Medici, and his career forms the subject of an interesting contribution, in French, to the "Canadian Pharmaceutical Journal," July 1927. Hébert had followed his father's profession, but whether fortune did not smile on him, or for some other reasons unknown, he betook himself to Acadie with Monts and Champlain. He passed the winter of 1604-05 with them on the Isle Ste. Croix, and later went to Port Royal. The year 1606 found him occupied with the cultivation of the soil, but at the same time not neglecting his professional duties, for in that year it is recorded that he dressed the wounds of the son of Pontgravé, who had lost several fingers in an accident, and in 1611 he attended the old chief Membertou at Port Royal in his last illness. It was he who received La Saussaie with two Jesuits in May 1613, in the quality of licutenant, in the absence of Biencourt, and he opened the letters of the Queen, commanding that the Fathers Biard and Masse should have permission to pass to and fro without let or hindrance. Lescarbot relates that he spent his time collecting plants, and was called "Ramasseur d'herbes de la Prée Ronde." His name was given to the River St. Antoine, which became the "rivière Hébert," which the English afterwards changed to Bear River. Hébert returned to France in 1613, but decided to accompany Champlain to Quebec in 1617, with his wife and three children. The passage was long and stormy, and great dangers were run. Father Joseph le Caron confessed everyone and prepared himself for death. He made a solemn prayer and took a secret vow, and It is probably that which brought about the consecration of the country to St. Joseph, his patron saint. "One was profoundly touched," said Leclercg, "when Madame Hébert was seen to lift up the smallest of her children so that he too might receive with the others the good father's benediction." It was as if by a miracle that they escaped. The first thought of Hébert on landing at Quebec was to find a place for his wife and children. Where he found lodgings for them we do not know, but it is certain that he did not delay in constructing a residence in the upper part of the town, at the summit of the mountain side. His house was of stone, and measured 38 feet long and 19 feet wide, and he became owner of ten acres of land in the upper town. "This land," said Dionne, "is occu-pied to-day by that part of the town which extends from the ancient episcopal palace (the Legislative Building burnt down in 1883) to the rue des Pauvres. To the south this land was bounded by a line which divided the angle formed by the rue des Pauvres and the rue Saint-Jean and which finished at the ancient bishopric. The Duc de Montmorency gave him the concession in February 1623, and the Duc de Vantadour confirmed it on February 28, 1626, and gave him besides another stretch of land along the River Saint-Charles. This double concession followed a petition, which ran: "That he is the head of the first French family, who has lived in this country since the beginning of the century. . having left his parents and friends in order to lay the foundation of a colony and Christian people." Hébert was spared the pain of seeing the capitulation of Quebec in 1629, as he died a short time after becoming proprietor of the little domain. He expired in the most admirable sentiments of piety and resignation on January 25, 1627, as the result of a fatal fall, and was buried according to his last wishes, verbally expressed, at the foot of the eross in the Cemetery des Récollets, near to the convent of Notre Dame des Anges. According to P. Leclercg, his remains were removed in 1678 to the crypt of the church of the new Convent des Récollets, his second daughter, Madame Couillard, who was still living, assisting at the ceremony.

Cod-Liver Oils

THE fifth report of the Imperial Economic Committee on Marketing and Preparing for Market of Foodstuffs Produced within the Empire, and published by the Stationery Office, contains in Section XIX on Fish Oils some information on cod-liver oils. The distribution of oil in the tion on cod-liver oils. The distribution of oil in the fish is dealt with, and two classes are distinguished. In fish such as herring, salmon, sardine and mackerel, oil is distributed generally throughout the muscles and flesh, and in others, as the cod and haddock, the oil is concentrated in the liver. Oils obtained from the first of these classes, by expression from the whole fish, are known as "fish." oils, and are used in various industrial processes. The second class of fish yield the more valuable "liver" oils, of which the most important is cod-liver oil. The therapeutic value of cod-liver oil depends to a large extent on the presence of vitamin A and vitamin D, and the qualities of a medicinal oil demanded by the public are absence of colour, transparency, and freedom from disagreeable taste or odour, but there are reasons for supposing that. advantageous marketable qualities are independent of the medicinal value of the oil, and that they result from the cere bestowed by the producers to details in preparation, and that in Great Britain the market value of cod-liver oil depends less on its true medicinal value than upon its

acceptability to the public.

The chief countries manufacturing cod-liver oil are Great Britain, Newfoundland, and Norway. From analyses, when tested for relative richness in vitamins, the Scottish oils ranked first, followed by the Newfoundland and Norwegian. When the marketable qualities of Norwegian were usually the best. The centre of the Norwegian were usually the best. The centre of the Norwegian cod-liver oil industry is round the Lofoten Islands, and the fish are caught when they come inshore to the shallow, sandy banks for spawning. The livers are at once removed and the oil promptly extracted. The cod-does not come inshore on the coasts of Britain in the manner in which it does off the Lofoten Islands and Newfoundland, but as most of the livers are obtained from cod whilst feeding, and not spawning, the British livers have a high vitamin content. In Newfoundland most of the fish is caught as it enters the bays and inlets, not for spawning, but in pursuit of its food, and on the theory that the vitamin content varies according as the fish is feeding or fasting, the Newfoundland oils might be expected to be rich in vitamin content. They have that quality, but, in spite of a system of Government regulation and inspection, the oils do not find a ready sale in Great Britain in competition with the highly marketable Norwegian. The price also is often high. Any forecast of the future demand for cod-liver oil of high vitamin certent must be based on considerations other than those of an examination of figures. The import and export figures in 1925 are given in the report. The properties of cod-liver oil have long been known, but it is only in recent years that research has discovered the properties and importance of vitamins, and it is only in the last few years that it has been determined that the therapeutic value of cod-liver oils depends on the presence of substances of the vitamin class. Now that the transferring of vitamins from cod-liver oil to margarine has been accomplished and the nutritive value of the product has been improved, it seems probable that if efforts are made to increase the quantity of these vitamins in the ordinary diet or in case of illness, the source from which they will be sought will be cod-liver oil, and the significance of the discovery for the trade in cod-liver oil lies in the fact that some cod-liver oils are probably the richest and cheapest source of these important vitamins.

SYNTHETIC NITRATES.—The production of nitrates by the Synthetic Ammonia and Nitrates Co. at Billingham have increased so much, it is announced, that the British exports now nearly equal and will soon outstrip those from Germany.

THE "BRITISH BEET GROWER" is the title of a new monthly publication, published in the interests of the British farmer and beet-sugar maker. The articles include one by the Earl of Denbigh on the past, present and future of British beet sugar, and there are a number of interesting topical papers and notes dealing with various phases of this new industry

Trade-marks Applied for

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1926, p. 309.

(From "The Trade-marks Journal," August 31, 1927.)

"EAUZONOL"; for disinfectants (2). By Lasar Schoenfeld, Schmiede Strasse 5, Hamburg 1, Germany. 482,586. "Pyorrpowd" and "Pyorrpast" and "Pyorrpant": for medicinal preparations (3). By Albert Henry Watkinson, 115 Northfield Road, Crooks, Sheffield. 478,437/8/

608. (Associated.)

"PHILDOR"; for a medicated eye lotion (3). By Ann Mct-calfe Leas Tong Cottage, Birches Barn Road, Wolver-hampton. 480,499.

nampton. 480,499,
Dr. W. B. Caldwell; Syrup Pepsin, with picture of carton and portrait of the late Dr. W. B. Caldwell; for a laxative medicine (3). By Pepsin Syrup Co., 416 West Washington Street, Monticello, Ill., U.S.A. 472,993.
"Teabrol Brand"; for all goods (3). By H. R. Napp, Ltd., 3 & 4 Clement's Inn, Kingsway, London, W.C.2.

480,906. (Associated.)
"FORXOL" and "THEINOL" and "UROPHILE"; for medi-

rorror and "Heinol." and "Urophille"; for medicinal chemicals (3). By Amour Bailly, 15 Rue de Rome, Paris, France. 481,131/132/133.

"Basika"; for medicinal chemicals (3). By Menley & James, Ltd., 64 Hatton Garden, London, E.C.1. 431,414.

"Emsalva": for all goods (3) and (42). By Eustace Hamilton Miles. 10 Ridgmount Gardens, London, W.C.1. 482,077/745. [Associated.]

"Constipon": for medicinal chemicals (3). By Thomas Smith 408 Argyle Street Glassow. 482,623.

"Constipon"; for medicinal chemicals (3). By Thomas Smith, 408 Argyle Street, Glasgow. 482,623. "Wardonia"; for cutlery (12). By Thomas Ward & Sons, Ltd., 15 Suez Street, Warrington, Lancs. 477,737.

Ltd. 15 Suez Street, Wallington, (Associated.)

"Trico"; for razor blades (12). By Tryer & Co., Ltd., 60 & 61 Chiswell Street, London, E.C.1. 482.841.

"Stampois" and the initials L. J. S. in a circle design (Stambois disclaimed); for cutlery (12). By Louis J. Stambois, 7 Charterhouse Buildings, London, E.C.1. 479,752. "NECKAR";

ECKAR''; for water-softening plant (18). By Neckar Water Softener Co., 96 Victoria Street, London, S.W.1.

Water Softener Co., 96 Victoria Street, London, S.W.I. B479,031.

"KATTO": for beverages (42). By Ada Ivy Ashton, The Homestead, Morton, Bingley, Yorks. 480,896.

"PERIANDER": for food substances (42). By Vitonica, Ltd., 32 King Street West, Manchester. 482,600.

"ALAMADA": for food substances (42). By John K. Husband & Co., 110 Cannon Street, London, E.C.4. 482,675.

"FRYCO": for mineral and aerated waters (44). By R. Fry & Co., Ltd., 21 & 22 Middle Street, Brighton. 481,032. (Associated.)

(Associated.)
"Manukleen"; for detergents (47). By William E. Hart,
Winckley House, 11 Winckley Square, Preston, Lancs.

Winckley House, 17 Whiteley 481,859.

"DIOL": for lubricating oils and greases (47). By The Standard Oil Co., Constable Hook, Bayonne, New Jersey, U.S.A. 482,805. (Associated.)

"MIRJANAH": for all goods (48). By Leonard Conway Moore, 1 East Ham Road, Littlehampton. 491,536.

"Recuperine": for perfumery (48). By Edith Halsall, Riverside, Church Street, Tewkesbury. 482,099.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Saturday, September 17

Grocers' Exhibition, Royal Agricultural Hall, London, N.1, at 10 a.m. to 5 p.m., and daily until Thursday, 10 to 8. Closing date Friday September 23, at 5 p.m.

Vednesday, September 21

Liverpool Chemists' Association.—Visit to perfumery and soap works of the Erasmic Co., Ltd. Train leaves Liverpool Central 2.5 p.m. Return tickets, 2s. 3d., from Mr. F. Wokes.

Thursday, September 22

Pharmaceutical Society of Great Britain (Cambridge Branch), Lion Hotel, at 3.30 p.m. Annual meeting. Mr. E. S. Peck will give an address on a recent visit to some Continental pharmacies.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (NORTH METROPOLITAN BRANCH).—A complimentary dinner will be given to Mr. Herbert Skinner, Ph.C., on October 6, at the Holborn Restaurant, London, W.C., at 7 for 7.30 p.m. Tickets (12s. 6d. each) from Mr. W. E. Swanston, 140 Hernsey Road, before September 29.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

Valence Pharmacy, Ltd. (P.C.).—Capital £500. Objects: To carry on the business of chemists, druggists, drysalters, oil and colourmen, etc. The directors are D. W. H. Bell, Alice E. Bell, Peggie M. Dyer. R.O.: 462 Becontree Avenue, Becontree, Essex.

J. Preston, Ltd. (P.C.).—Capital £12,000 in £1 shares. Objects: To acquire the business of a chemist and laboratory furnisher as formerly carried on by E. Preston as "J. Preston." The directors are: E. Preston and C. Preston. R.O.: 208 West Street, Shoffield.

British Carbo-Union, Ltd. (P.C.).—Capital £12,500. Objects: To carry on the business of manufacturers of and dealers in activated carbon and chemical of all kinds, etc. The subscribers are: C. G. Cave and A. W. Slade. Solicitors: Mayo, Elder & Co., 10 Drapers Gardens, E.C.

B. E. I., Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in electric body batteries, trusses, surgical instruments, etc. The directors are: W. Hughes, 70 Oxford Avenue, Raynes Park, S.W.20, R. H. Forbes, 14 London Road, Clapton, E.5. R.O.: 25 Holborn Viaduct, E.C.1.

Beauty Salons, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of beauty salons, including hairdressing, manicure and chiropody; to manufacture and sell toilet creams, powders, lotions, champoos, soaps, etc. The directors are: Mrs. A. E. Potts, Mrs. A. D. Pemberton, and Mrs. A. Ricketts. Solicitor: C. S. Tomlinson, 161 New Bond Street, W.1.

Hawnt & Son, Ltd. (P.C.).—Capital £400. Objects: To carry on the business of manufacturers of and dealers in medicines, medical stores and instruments, toilet preparations, household commodities, confectionery, grocerics, food, drugs and other merchandise; pharmaceutical and dispensing chemists; dealers in cabinets of glass, wood or other materials suitable for show cases, etc. The directors are:—Phyllis Hewitt, P. W. M. Horner, P. J. Chaplin.

ALEXANDER REMEDY Co., LTD. (P.C.).—Capital £2,000. Objects: To acquire the business carried on by I. Alexander, of 154 Kensington, Liverpool, in so far as the same consists of the manufacture and sale of certain specific for the cure of hemorrhoids, etc. The subscribers are: I. Alexander, M.P.S., 154 Kensington, Liverpool, chemist, H. Bryan, 71 Leng Road, Newton Heath, Manchester, solicitor's clerk. R.O.: 154 Kensington, Liverpool.

British Cisa Fibres, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers, merchants, buyers, sellers, makers-up and packers of and dealers in wood pulp, flax, artificial silk, chemicals, fibrous substances, etc., of use in the manufacture of pulp and artificial silk, ctc. The directors are: A. Hentzen, G. E. J. Goedecke (permanent chairman), B. Boncompagni, A. Nunzianti, E. Cattaneo. R.O.: 134 Deansgate, Manchester.

Morris & Ritson, Ltd. (P.C.).—Capital £1,500. Objects: To acquire the business of surgical-instrument makers and orthopædic specialists, makers of medical and invalid appliances and artificial limbs now carried on by R. E. Morris and W. Ritson at 9 Pearl Buildings, Portsmouth, as "Morris & Ritson." The permanent directors are R. E. Morris, W. Ritson, and A. L. Rawlings. Solicitor: R. B. Hobson Thomas, 2 Hampshire Terrace, Southsea.

RIGBY & WOOD, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of candle makers, taper manufacturers, soap boilers and manufacturers, manufacturers of cleaning powders and pastes, oil merchants and refiners, oil extractors, tallow refiners, chemists, druggists, chemical manufacturers, manufacturers of and dealers in toilet requisites, card, wood, metal or other box and case manufacturers, etc. The directors are: T. Mosedale, A. Rigby, and P. M. Wood. R.O.: Woodsend Works, Woodsend Road, Flixton, Lancs.

Organic Radium, Ltd. (P.C.).—Capital £5,000. Objects: To institute and conduct scientific research work in connection with animal, vegetable, mineral and other products and produce, or in connection with the development of any new means of communication by radiography or radiophony, and to carry on the business of chemical manufacturers and merchants, etc. The subscribers are: Mrs. Agnes M. Ireland, Constance M. Smith, A. J. de Courcy Ireland. A. J. de Courcy Ireland is first and permanent director.

Organium Products, Ltd. (P.C.).—Capital £2,000. Objects: To develop, exploit and turn to account for commercial, scientific or other purposes the results of scientific research work in connection with animal, vegetable, mineral and other products and produce, whether natural, artificial or manufactured, or in connection with the development of any new means of communication by radiotelegraphy or radiophy, and to carry on the business of chemical manufacturers, etc. The directors are: W. G. Lee and E. R. Fiske.

Jackson Brothers (Lancashire), Ltd. (P.C.).—Capital £5,200. Objects: To acquire the business of a manufacturer of and dealer in chemical goods now carried on by W. Jackson at Trafford Park, near Manchester, as "Jackson Brothers & Co.," and the business of managing motor garages, and to carry on the business of manufacturers of and dealers in chemicals and goods of which chemicals form a part, chemists, druggists, drysalters, oil and colourmen, garage proprietors and managers, etc. The directors are: W. Jackson, A. Jackson, H. L. Jackson, E. Newport. R.O.: Trafford Park Road, Trafford Park, Stretford, nr. Manchester.

BURT BOULTON & HAYWOOD, LTD., have declared a final dividend for year ended June 30, 1927, of 5 per cent. (subject to tax) on the ordinary shares.

Parkes Chemists, Ltd., announce the payment on September 20 of the interim dividend on preference shares for the half-year ending August 31 at the rate of 6 per cent. per annum, less tax.

TIMOTHY WHITE Co., LTD., inform us that there is no foundation for the statement that an amalgamation (C. & D., August 27, p. 274) is contemplated between themselves and Taylors (Cash Chemists' Trust), Ltd.

FINNISH CHEMICAL DEAL.—A big international industrial syndicate representing English, French and Scandinavian interests, with the financial support of a British Trust banking company, has bought the oil and chemical works of Richard Meyer, of Reval, comprising twenty-nine different industrial branches, with eighty factories.

Taylors (Cash Chemists) Trust, Ltd.—The new business acquired by Taylors (Cash Chemists) Trust (says the "Financial Times") is Squire & Co., Birmingham, more generally known as Needham's. Control has been secured by the purchase of the deferred shares, which are the predominating security, the ordinary and preference shares only being voting rights when dividends are in arrear. The price is 10s. per share, and as the shares are of 2s. denomination and there are 400,000 of them, this represents a total of £200,000, assuming all the shares to be acquired. On the basis of recent dividends a minimum return of about 5 per cent, would appear to be relied on by the purchasing concern.

B. LAPORTE, LTD.—The profit for the year ended June 30, 1927, after making the usual transfer of £203 to reserve account and after charging depreciation, etc., was £11,459, plus £9,815 brought in. A dividend is recommended on ordinary shares of 6 per cent., less tax, carrying forward £6,095. For more than half the period covered by the report working conditions of the company were adversely affected by coal strike. Extra cost of fuel and motive power alone amounted to over £10,000, and none of this was passed on to customers. In addition, output and sales during the strike period suffered considerably. The report adds that with return to more normal conditions in January of this year it was again possible to manufacture at a profit.

Private Arrangement

Frederick John Nash, trading as Nash & Co., 211/213 Regent Street, London, W., and trading as Munro & Co., at 8 Hanover Street, London, W. Merchants and chemists and druggists.

The following circular, dated August 26, has been issued to the creditors by Mr. Parkin S. Booth, accountant and valuer to the Association of Manufacturing Chemists, Ltd.:—"I beg to inform you that, in view of the position of the affairs of the above, Owen White & Co., solicitors, 12 John Street, London, W.C. met in wivete conference the largest and pressure. W.C., met in private conference, the largest and pressing creditors, which was held at the Law Society Hall on August 9. At the meeting Mr. White explained that he was acting under a Power of Attorney owing to the precarious state of health of the debtor, and that, as far as he was able to ascertain, the liabilities amounted to approximately £120,000 and assets £5,200. He stated that there were two gentlemen who are large creditors whom he thought would be prepared to come to his assistance, subject to a scheme in connection with a patent telegraphone materialising, and that they would guarantee the payment to the creditors of their claims over a period of one year. As a result of this confer-ence, a committee of three creditors was appointed to collaborate with Mr. White, of which committee I, representing a number of creditors, was appointed a member. At a recent meeting of the members of the committee referred to, it was disclosed that the scheme in respect of the telegraphone under which it was anticipated a capital sum of money would be obtained, would not materialise, it being found that the debtor only possesses a selling agency in respect of this instrument, and a royalty only was offered. The committee to whom I have referred put the suggestion to Owen White & Co. that the two gentlemen who were willing to interest themselves in debtor's effects whould provide a coch committee. themselves in debtor's affairs should provide a cash composition, and as a result of this suggestion I was requested to go into the position. I find from the investigation that the position is approximately as follows:— Unsecured creditors (trade), £10,228 14s, 10d.; cash creditors, £38,200; bank, £61,020 9s. 10d. The bank hold collateral security in the form of guarantees by two of the debtor's friends. There are partly secured creditors that the lating approximate (6.360.12c. 2d. and of the debtor's friends. There are passed to see, 360 12s, 8d., and they had securities estimated to be worth £3,000. The they hold securities estimated to be worth £3,000. The preferential claims amount to £2,933 11s. 7d., and included in this item is the sum of £1,518 15s. due in respect of the rent of the Regent Street premises, and the landlord has levied distraint, and is in possession for this sum. With regard to the assets, these have not been valued, but taken on the basis of "going concerns," and consisting of stock-in-trade, fixtures, fittings, book debts, certain furniture and army boots, they are estimated to realise £5,760 17s. 9d., and after deducting preferential claims, amounting to £2,933 11s. 7d., it is estimated the net assets amount to £2,827 6s. 2d. The Regent Street premises are held on lease granted in July 1925 for a period of 21 years at a commencing rent of £5,075, rising at the rate of £500 per annum up to £7,575, exclusive of taxes. The lease is charged to secure the sum of £1,500. The premises at Hanover Street are held on lease, which expires in 1933, at a rental of £850 per annum inclusive. The debtor at a rental of £850 per annum inclusive. The debtor for some years past has had a large number of dealings in army surplus stocks, especially in connection with army boots, and while in this latter connection a number of deals proved successful, the last transaction of this nature has proved a very severe loss. In respect of this transaction, I understand he purchased approximately 250,000 pairs of army boots at an average price of 4s. 3d. per pair, and resold 150,000 of these at prices varying from 2s. 3d. to 2s. 9d. per pair. In connection with this sale he obtained an option to repurchase tion with this sale he obtained an option to re-purchase same at the price paid on condition that he paid the sum of £640 a month to keep this option alive, which sum has been paid for a considerable period. The further 100,000 he sold at approximately 4s. per pair. In respect of a further transaction of this kind, he paid a deposit of £3,000 on the purchase price on a quantity of army boots, which deposit was forfeited, although it is anticipated an ex-gratia payment will be made by the Government in respect of this deposit. This sum is

charged to a partly secured creditor. The moneys received from the sale of the army boots were used by the debtor in the businesses at Regent Street and Hanover Street. In addition to these and other losses in connection with deals of this nature, he was engaged in litiga-tion, and while successful in the Court of Appeal, lost the case when the same was taken to the House of Lords, and I understand the costs of this litigation amounted to approximately £20,000. In view of the heavy overhead charges, large losses have been made in connection with the businesses at Regent Street and Hanover Street. With regard to the debtor's personal estate, life policies and certain shares held by him are charged to the bank, who are included in the partly secured creditors whom I have mentioned. The household effects belong to his wife under a deed of gift executed in 1907. The two friends of the debtor pre-viously mentioned (and who have guaranteed the bank) have due to them a sum of approximately £99,220. They are prepared to assist him by offering to purchase the amounts due to the creditors at the composition rate of 6s. 8d. in the £. I am of opinion, and I think, with this information before you, you will agree that the only alternative to this offer is that the debtor should file his petition in bankruptcy, but in this event I am quite certain that only a very nominal dividend, if any, is likely to accrue to the unsecured creditors. As I have previously mentioned, the estimated value of the assets is calculated on the basis of the businesses being continued as "going concerns," but, in the event of a forced realisation, or if the landlord, who at the present time is in possession, should sell the effects, only a small percentage of the amount stated is likely to be realised. I shall therefore be glad to hear if you are agreeable to assent to this proposal. Forty-five creditors have issued process, and in a number of instances obtained judgment, and ten executions have recently been levied, but these have now been withdrawn upon the landlord distraining. Any costs incurred by creditors who have taken proceedings will be paid in full, and it is conditional that all creditors agree to accept the com-position, otherwise the offer made by the debtor's friends will be withdrawn."

Voluntary Liquidation

Bell, Sons & Co., Ltd., wholesale druggists, 70 Henry Street, Liverpool.

In pursuance of the provisions of the Companies (Consolidation) Act, a meeting of the creditors was held recently at the company's offices, when the representative of the Association of Manufacturing Chemists, 2 Bixteth Street, Liverpool, occupied the chair. A statement of affairs was submitted which disclosed unsecured liabilities of £927, while there was a surplus of assets of several thousands of pounds. The liquidator reported that the company was formed about a century ago, and some years ago was reconstructed with a nominal capital of £75,000. There were issued 35,000 preference shares and 35,000 ordinary shares, as fully paid to the vendors, and 14,449 preference shares for cash. The matter was discussed, and it was decided to confirm the voluntary liquidation of the company, with W. A. Davidson and J. H. Parkinson as joint liquidators.

Business Changes

SMITHS, CHEMISTS, LTD., have acquired the old-established business of Hughes & Co., 48 Fulham Road, S.W.5.

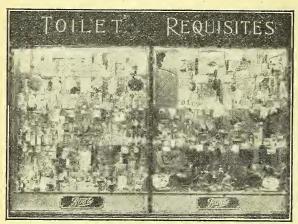
MISS R. MANN, chemist and druggist, has purchased the business of Mr. J. Nicol Tait, 4 Polepark Road. Dundee.

Mr. John McNair, chemist and druggist, has acquired the business of Mr. Watson, chemist and druggist, The Cross, Strathaven.

Mr. D. W. Evans, chemist and druggist, Swansea, has taken over the busines of Mr. A. I. Jones, chemist and druggist, Towy Pharmacy, 16 Lammas Street, Carmarthen.

Shop and Window Lighting

In an exhaustive survey of the methods of lighting retail slops which was carried out recently, it was ascertained that over 50 per cent. of the traders concerned used bare lamps in their windows, and, in about the same proportion of cases, inefficient methods of interior lighting were also employed. Retail chemists are no exception to other traders in their frequent failure to employ up-to-date and efficient illuminating appliances in their shops and windows, although they have every opportunity to study and examine the various types of lighting equipment and systems which have been produced for retail shop purposes. Excellent brochures and catalogues are available from the firms specialising in shop and window lighting, and there is little excuse for the trader who employs old-fashioned lighting methods when so much information and



SHOP WINDOW ILLUMINATION SHOWING USE OF TRANSMITTED LIGHT

practical guidance is at his disposal. The argument that modern lighting is too expensive will no longer hold water, for, if the increased trade which inevitably results from efficient lighting is taken into consideration, it is no exaggeration to say that the installation of modern illuminating equipment costs relatively less than the maintenance of the old-style fittings, which either supply a negligible amount of light, or else, by reason of their glaring, dazzling nature, have a repelling rather-than an attracting influence on passers-by.

Exposed lamp filaments are things of the past in shop lighting, for it has been proved that 60 per cent. of the available light from a bare lamp is wasted. For lighting the interior of a shop, totally enclosed ceiling or pendant fittings are now to be obtained in white translucent alabaster or opal glassware. One of the latest types of these consists of a two-piece bowl of semi-indirect design. This is constructed on the prismatic principle, and is a

result of numerous tests of the peculiar properties of the prism applied to lighting. By using glassware the surface of which has been cut into prisms at various angles, it becomes possible to direct and control the actual source of the light in many different ways, for the light which passes through a prism is received at one angle and redirected at another angle.

The top portion of these reflector bowls consists of a concentrating prismatic reflector, while the bottom bowl has a diffusing prism on the inside and a redirecting prism on the outside. Another type of enclosed unit for interior lighting is smooth on the outside and has prismatic surfaces inside. This gives a soft and almost shadowless illumination. Another totally erclosed lighting unit is the reflector-refractor type. This is satin-finished, and provides a soft light which is diffused over a wide area and is thus well suited for use in large shops. The pendant type of lighting fittings is generally more satisfactory except for low ceilings, and should be suspended so that the bottom of the glass is approximately 9ft. 6in. above the floor. In larger shops, larger units spaced further apart might be used with advantage, and in some establishments excellent interior lighting results have been obtained by the means of reflected light from concealed lighting equipment in the top of showcases and wallcases.

Although more retail chemists are beginning to appreciate the value of effective window illumination, there are comparatively few of them who realise the importance of keeping their windows lighted after the shop is closel. The trader obtains the maximum value from his window by making use of a time switch, by which means his window displays and outside showcases can be left fully lighted until a reasonably late hour. This attracts the attention of people returning from evening entertainments, who, drawn to the window by the light, are easily tempted to pause and examine the goods displayed. With well-lighted windows of this description, it is vitally important that frequent changes shall be made in the goods, for if people see the same products exhibited night after night, they are likely to get the impression that, in spite of the attractive lighting, the variety of the stock is limited. Several varieties of time-switches, which turn the light on and off at predetermined intervals, are available. These are fitted with clocks with lever movements. Or patterns which switch off only at predetermined times, fitted with 30-hour movement clocks, may be obtained. Time-switches may also be purchased with a selective device attached which enables them to be kept open or closed on selected days.

A number of improvements have been effected recently in window reflectors. These are also produced in prismatic glass, which enables the whole of the light emitted from the lamp to be placed under direct control and projected on to the display with a much greater intensity than is possible with unreflected light. In the average shop window, the most suitable position for reflectors is in the angle formed by the plate glass in front and the ceiling of the window. The maximum degree of light is thus projected on to the goods, and there is no wastage caused by light passing out into the street as it does when bare lamps are exposed in the windows. Where pelmets are used, in windows of average height, reflectors of clear prismatic glass, and with a reflecting power seven times the rated candle power of the bare lamp, are generally quite suitable; but, for high windows, or those in which the illuminating equipment is arranged above the transom, and where a greater concentration of light is required, fittings with a stronger reflecting power are generally desirable; those with a reflecting power twelve times the rated candle power of a bare lamp, fitted with metal covers—which enable the whole of the light to be projected on to the goods, and prevent any light from filtering



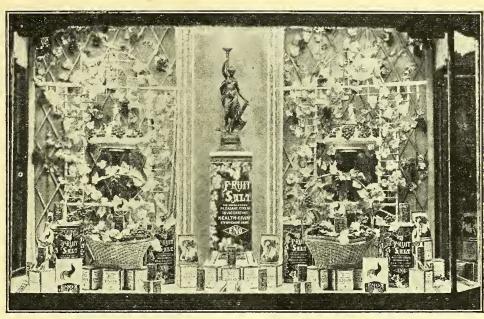
SHOP WINDOWS EQUIPPED WITH PRISMATIC REFLECTORS IN WHICH THE WHOLE OF THE LIGHT 18
CONCENTRATED ON THE DISPLAY

through the reflector—are to be recommended. For return windows and island windows or showcases, or any other positions where the glare of a light in a reflector might be visible from the side, totally enclosed reflectors are now available. These give a concentrated beam of diffused light which is capable of being confined within the radius of the display fitting concerned.

For the illumination of interior showcases and display counters, and also for shallow windows where plate-glass shelves are used, smaller prismatic interior reflectors are available, with an outer copper casing finished in natural bronze. These are fitted with ordinary shade-ring, bayonet lamp-holders, and take a 20-watt sign type vacuum lamp. It may be desirable in rare instances to use these showcase-type reflectors as a means of supplementing the top lighting in the win-dow. With modern dow. With moss shop fronts fitted with windows of reasonable depth this would hardly ever be necessary, but with the less up-to-date windows

with heavy shelving which makes top lighting difficult, such auxiliary fittings have much to recommend them. For average purposes, gas-filled lamps of 100-watts are almost invariably used, and the spacing of these is governed mainly by the position of the shop. For example, in main shopping centres, one lamp of this type in every foot run of window is generally considered necessary, while for windows in side streets, or in smaller towns. lighting units at intervals of 1ft. 6in. or 1ft. 9in. usually afford sufficient illumination.

The first photograph accompanying this article shows one of the windows in the Ealing Broadway branch of Boots, Ltd. The company have adopted the Holophane 983 clear prismatic reflectors more or less universally for the lighting of their shop windows. It will be seen from the illustration that they make use of the transmitted light passing through these reflectors for illuminating the



WINDOW DISPLAY SHOWING EFFECTS PRODUCED BY CONCEALED LIGHTING FITTINGS

lettering on the pelmets—an effective method of night publicity. In the second illustration is shown the windows of Mr. S. J. Hudson, Ph.C., Belfast: here it will be noticed that the whole of the light is confined to the window. Both these illustrations have been lent by Holophane, Ltd., Elverton Street, Vincent Square, London, S.W.1. The third illustration, which appears on this page, shows the use of Gecoray reflectors, as supplied by the General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.

Trade Notes

DRUMMER DYES.—The exhibition referred to in this advertisement is the Grocers' Exhibition, to be held in London, September 17 to 23.

"ICYGLO" is a new skin tablet introduced by A. S. Price & Co., Ltd., Blackheath, Birmingham, who quote attractive terms for their special introductory offer.

AMAMI SHAMPOO.—Prichard and Constance (Manufacturing), Ltd., 11 Broad Street, London, W.C.2, announce the introduction of a new size sachet of their Amami shampoo, to retail at 3d.

LAKEROL BRAND PASTILLES —Particulars of a bonus offered in connection with window or counter displays of these pastilles are advertised in this issue by Pastilles, Ltd., 124 High Street, Shoreditch, London, E.1.

We have received a copy of an attractive little Bouquet Almanack of 16 pages, suitable for presentation to customers by chemists, which is supplied with name and address, etc., by James Townsend & Sons, Exeter.

Manufacturers and chemists making their own preparations will be interested in the announcement of the Hobart Manufacturing Co., Ltd., Hobart House, Charterhouse Street, London, E.C.1, concerning their Hobart mixers. Manicure specialities.—Thos. Christy & Co., 4-12 Old Swan Lane, London, E.C.4, advertise in this issue particulars of the bonus they offer during September and October on orders for their L'Onglex manicure specialities.

Howards' aspirin tablets.—Howards & Sons, Ltd., Ilford, draw attention to the special bonus of forty-eight 10d. bottles free of Howards' aspirin tablets offered during September and October on orders for two gross of the small size, or equivalent, on condition that a window show is made.

"Common Helminths in medical practice" is the title of a booklet dealing exhaustively with the characters, occurrence, action, etc., of parasitic worms and their treatment with santonin. A copy of this useful review, which contains several illustrations as well as an extensive bibliography, will be sent to C. d D. subscribers on application to The Eastern and Russian Trading Co., Ltd., 26 Finsbury Square, London, E.C.2.

Mentex, a combination of menthol, iodine, and pine extractives with natural oils, put up in collapsible tubes, is a new speciality introduced by the Foster-McClellan Co., 8 Wells Street, London, W.1. It is an almost colourless jelly, which does not stain the skin, and produces a mild rubefacient action persisting for some time. Among its many applications, attention is particularly drawn to its use for the prevention and relief of colds.

Personalities

Among the prize-winners in a competition organised for raising funds for the local infirmary was Mrs. McMyn, wife of Mr. J. McMyn, chemist and druggist, Blackburn.

MR. H. CHASE MASON, director of the Anglo-American Pharmaceutical Co., Ltd., Croydon, is on his way to India on an extended tour of the Eastern interests of the company.

MR. G. M. Fuerst, governing director of Fuerst Bros., Ltd., 17 Philpot Lane, E.C., has just returned from a Continental business trip, in which he journeyed by aeroplane to Warsaw, Prague, Vienna and Munich and back to London.

Mr. G. A. Dunbar, who has been appointed manager of the London branch of the Pepsodent Co., recently arrived in this country from Sydney, where he held the position of managing director of the Pepsodent Co. (Australia), Ltd.

MR. NORMAN P. MILLARD, whose wedding is announced on this page, was educated at University College, London, and during the last ten years has been in the analytical laboratory of C. J. Hewlett & Son, Ltd., manufacturing chemists, London, E.2. Among the numerous wedding presents was a handsome canteen of cutlery and plate given him by the staff of the company.

Among our visitors during the week was Mr. J. P. Ellerington, Ph.C., who retired a year ago from active participation in business in West London. Last winter he spent on the French Riviera, in Sicily and Rome; this year he intends to visit Egypt and the Sudan. His many friends will be glad to hear that Mr. Ellerington is looking remarkably well, having quite recovered from the illness which marred his visit to Rome.

As a token of appreciation of his work on their behalf, and on the occasion of his marriage, the London Chemists' Golfing Society presented Mr. D. J. Parry, the secretary and treasurer, with a chest of silver. The gift was handed to Mr. Parry at the Crews Hill Golf Club, on September 9, by Mr. T. W. D. Turner, captain, who, in a felicitous speech, referred to the services the secretary had rendered the society for many years, and Mr. Parry suitably replied.

Mr. Enu Bontcheff, of E. Bontcheff & Co., otto of rose distillers and exporters, Kazanlik, is now in London, and may be addressed care of his agents, Antoine Chiris, 3 Drapers Gardens, E.C.2. Mr. Bontcheff reports that although the Bulgarian rose gardens have increased their acreage every year since the war, it has not yet reached the pre-war acreage, and the price of rose oil still remains high. Another two or three years, however, should see a return to normal acreage and prices.

Wills

Mr. Thomas William Stainer Hutchins, of Hartford Lodge, Hartford, Cheshire, managing director of the Electro Bleach & By-Products, Ltd., Northwich, who died on May 26, aged forty-seven years, has left property of the value of £38,477 14s. 3d., with net personalty £36,375 15s. 10d.

Mr. William Thomas, of Stretton, Manor Road, Fishponds, Bristol, for many years dispenser to Bristol General Hospital, and formerly in business as a chemist in Stoke Croft, a prominent Quaker, who died ou July 24 last, aged eighty-two years, left estate of the gross value of £2,107.18s. 9d., with net personalty £1,352 8s. 9d.

Mr. John Buchan Morris, of Snowdon, Charlemont Road, Wellawatte, Colombo, Ceylon, formerly of Craigbank, Nuwara; Eliya, Ceylon, chemist and druggist, at one time owner of Gilbert & Hall, chemists, Bournemouth, who died February 1 last, aged sixty-two years, left property in this country of the gross value of £6,440 16s. 4d., with net personalty £5,369 3s. 3d.

Marriages

Burnham—Pratt.—At Christ Church, Croydon, on September 7, Henry Charles, eldest son of Mr. H. Burnham, to Iris Helena May, only daughter of Mr. E. A. Pratt, The Broad Green Pharmacy, Croydon.

MILLARD—HUGHES.—At the Wesleyan Church, Enfield, on September 8, Norman Philip, only son of Mr. E. J. Millard, Oakdene, Chase Court Gardens, Enfield (managing director C. J. Hewlett & Son, Ltd., manufacturing chemists, London, E.C.2), to Georgina Sybil, second daughter of Mr. G. W. Hughes, St. Valery, Chase Green Avenue.

READ—SCAMELL.—At St. Matthew's Church, Bayswater, London, W., on August 22, Percival Russell Read, Ph.C., to Katherine Scamell.

SHARP—Anderson.—At St. Alban's Church, Brighton, on September 12, Herbert R. Sharp, M.P.S., to Kate Irene Anderson.

THOMAS—LUCAS.—At Birmingham, on September 3, by special license, Idris G. Thomas, M.P.S., 52 Ilford Lane, Ilford, to Phillippina Lucas, Hobmoor House, Kineton Green Road, Olton.

TRANMER—THACKER.—At New Street Wesleyan Chapel, Smethwick, on September 14, Edward Tranmer, M.P.S., only son of H. M. Tranmer, M.P.S., Smethwick, to Nellie May, eldest daughter of Mr. Thacker.

Deaths

CHARLTON.—At the Vryheid Hospital, Vryheid, Natal, on August 15, Mr. T. D. Charlton, chemist and druggist, Vryheid, from gastric influenza, after an illness of two days. His sudden death came as a shock to the community of the northern Natal town, where he was well known. The deceased was born at Alnwick, Northumberland, and had been a Natal colonist since 1894. Previous to the years ago he had lived at Pietermaritzburg. The funeral took place on August 16 at the Cemetery, after a service held in St. Peter's pro-Cathedral.

Davies.—On August 31, after a long illness, Gwyn, younger son of Mr. T. T. Davies, chemist and druggist, 180 Hoe Street, Walthamstow, London, E.17, aged sixteen.

EVANS.—At Penrallt, Pentraeth, Anglesey, on September 13, Nellie, the beloved wife of Mr. David H. Evans, chemist and druggist, 148 Lodge Lane, Liverpool. The funeral is to take place at Pentraeth Church on September 16.

FARQUHAR.—At 17 Princes Street, Perth, on September 7, Margaret Marshall, beloved wife of Mr. James Farquhar, chemist and druggist, 15 Princes Street.

Greig.—At Highbury, London, N., on September 1, Mr. John Greig, Ph.C., aged sixty one.

Nash.—On September 7, Mr. W. C. Nash, for fifty years in the employ of C. R. Harker, Stagg and Morgan, Ltd.; manufacturing chemists, London, E.1, aged seventy-one. For the last five years Mr. Nash had been incapacitated through heart trouble.

Parkinson.—At his residence, 3 Park Avenue, Burnley, on September 8, Mr. Isaiah Parkinson, chemist and druggist, aged eighty-one. Mr. Parkinson was for many years head of the firm of R. Parkinson & Sons, manufacturing chemists, Burnley, which business was established by his father. Until a few years ago Mr. Parkinson attended business daily, but an illness had of late prevented his maintaining the close interest he formerly had.

RIDGLEY.—At Gillingham, Dorset, on September 1, George Stevens Ridgley, chemist and druggist, aged seventy.—

HAIRDRESSERS have formed a Wholesalers' Association, composed of those engaged in the business of hair-dressers' sundriesmen or the manufacture or supply of hairdressers' equipment and toilet preparations.

Observations and Reflections

Last Week's C. & D.

impressed me greatly by the provision made to enable us to prepare well in advance for the coming Christmas trade. Your temptingly informative series of trade notes turned my attention particularly to the well-displayed advertisements on coloured pages, and made me realise more than ever to what extent manufacturers of toilet articles and personal luxuries depend upon chemists and druggists to distribute their products to the public. The pages of your ever-interesting paper serve as the market-place or bazaar in which we can gain information about seasonal novelties likely to sell readily. We are thus enabled by your efforts to make early selection of lines which shall bring us extra profit at a time when purse-strings are relaxed. It may seem to some a sad necessity which compels us to resort to the display of such side-lines, but I do not agree with that attitude. As a matter of fact, the proper display of suitable sidelines improves the appearance and increases the attractiveness of most pharmacies, without necessarily tending to any loss of professional dignity.

Dispensing of Medicines

is a subject upon which enlightenment is required by many people, and I should be glad if your remarks on dispensing qualification (C. & D., Sept. 10, p. 336) could be brought to the attention of everyone concerned in the management of institutions and small hospitals and dispensaries. The wrong notions which afflict so many writers in the lay Press also need frequent correction, and your readers might do worse than spend a little time in corresponding with editors of newspapers which advise young persons how easy it is to become a dispenser of medicines. It is saddening to think of the waste of time and money incurred by nice girls who gain the impression that it is easier to qualify as a dispenser than as a competent cook or shorthand-typist. There ought to be some remedy for this, and possibly the women pharmac:sts of Great Britain might help by endeavouring more actively to correct such wrong impressions as exist. Further, there ought to be a concerted movement to make the British public realise that ability to read prescript:ons and mix liquids and solids in varying proportions does not constitute the entire art of dispensing, much less qualify anyone to manage a dispensary.

Misnomers

applied to medicaments were very familiar to me as an apprentice, and I was naturally interested in the allusions to them in your retrospect of fifty years ago, as well as in the letter of your correspondent "Quotidien" (C. & D., Sept. 10, p. 349). The use of these old-fashioned names caused no confusion until public analysts came along and discovered in them the means of distinguishing themselves. Carbonate of iron, citrate of magnesia, eastor-oil pills, steel pills and wine, bear's grease, oil of swallows, and many other items now enshrined in books of synonyms were then articles in regular demand. Purchasers asking for them got what they wanted, their respective purposes were served, and no one's interests suffered. To-day, however, precision in nomenclature is enforced by process of law, and public analysts find an easy prey in users of labels bearing the old-fashioned names. Moreover, as "Quotidien" points out, chemists and druggists get more than their fair share of the chevying in this respect, as in others which follow the passing of ill-conceived Acts of Parliament. Parliament hesitates to recognise us as the only people who ought to be allowed to deal in medicines, but laws and regulations affecting the drug business tend always to react upon us as though we were the only dealers in such articles.

The Art of the Perfumer

is, as appears from your advertising pages in this week's issue, pervaded with attractive names which are designed by their inventors to add to the allurements of the actual perfumes. Some of the

older names are to a large extent descriptive, such as Eau de Lavande, Ess. Bouquet and Patchouli, while others have a topographical significance as Mona Bouquet, and others are associated with personalities. At the present time the aim of manufacturers is to secure some euphonious word which will give significance to a well-designed label, and will lend itself to meeting the requirements of the registrar of trade marks. There are some of the old names which are just as pleasing as any of the new ones, but the perfumes have become unfashionable. Several of these are intriguing because their origin is perhaps obscure or their associations are interesting. Not the least interesting is the almost forgotten Frangepanni. This is a name which has found a place in our dictionaries, but the definitions can scarcely be called illuminating. In the Concise Oxford Dictionary, which may be regarded as typical of the others, we have "frangepane—Perfume of red jasmine; kind of pastry. [F. perhaps from inventor's name]." The O.E.D. advances a step further and tells us that the red jasmine tree is the Plumeria rubra. I wonder if anyone ever made any perfume from the flowers of the West Indian red jasmine. The association I have no doubt has never been any closer than that there was a similarity of odour between that of the manufactured perfume and that of the said flower. Some of your friends who are perfumers may have access to older formulas than myself, but the oldest recipe I have for Eau à la Frangipane is in "Le Parfumeur Imperial," published in 1809. The outstanding ingredient of this formula is extrait de jasmin.

That Erudite Phatmacist,

Danie! Hanbury, in 1859, contributed to "Notes and Queries" a note on the origin of Frangepanni which confirms the accepted view that this article owes its origin to the illustrious Roman family of that name. Quoting from Bayle's historical dictionary, he says that it was the Marquis Frangipani. who served as Maréchal des Armées of Louis XIII, "who invented a method for perfuming gloves which, when so perfumed, bore the name of 'Frangipani gloves. He also supplies a passage from Le Laboureur's Mémoires de Castelnau (1731), from which it appears that the brother of the Marquis is entitled to some share in the credit of the invention. As to what was the composition of the perfume Hanbury says he had failed to discover; but from what Ménage, who was a contemporary of the Marquis, whom he had met in Paris, had said in his Origini della Lingua Italiana (1685), he was satisfied that the invention of perfumed gloves was the extent of its application. After giving some information as to the preparation of scented gloves, the author of the note throws some further light upon the connection of Frangepann with the *Plumeria rubra*. He makes no reference to the usually accepted statement that a grandson of the Marquis was the first to prepare the Essence of Frangepanni, and that it was the same grandson who accompanied Columbus to the West Indies and was the occasion of the red jasmin tree being named the Frangepanni tree. On the other hand, Hanbury associates the name, as do the dictionaries I have alluded to, with the French Franchipanne or Frangipane, which is a kind of pastry made with almonds, cream, sugar, etc., and he says that the French name of the Piumeria, which is Frangipanier, is used because the ripe fruits, according to Merat and De Lens, have the flavour of Frangipane con retrouve dans ces fruits murs le goût de nos franchi-panes). This is not accepted by him as conclusive, because he thinks it is remarkable that neither Sloane nor Lunan (he refers here to Sir Hans Sloane and John Lunan) have not mentioned this fact. It is, perhaps, hardly necessary to say the name signifies broken bread." In the case of the celebrated Italian family it may be, as has been suggested, that it was applied to them because of their benevolence; in the case of the French sweetmeat it is almost certainly intended to be descriptive of the preparation.

L.C.C. Schools of Pharmacy.—A folder is being issued by the London County Council, The County Hall, S.E.i (Frivileges of Citizenship Series, No. 17), giving a list of their institutions approved by the Pharmaceutical Society and providing training for the Preliminary Scientific and Chemist and Druggist examinations.

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With the object of placing before our subscribers full particulars of the various veterinary and agri-horticultural specialities now on the market and thus stimulating the distribution of these goods through, what should be, the recognised channels, our issue of October 8th will contain special features. Articles of direct bearing upon the subject and an attractive advertising supplement in colours are being prepared. Details of the available space in this latter can be had on application to the Publisher.

Editorial Articles

Sir William Glyn-Jones

At Vancouver, on September 9, from cerebral hæmorrhage, William Samuel Glyn-Jones, Kt., J.P., chemist and druggist, a former Secretary and Registrar of the Pharmaceutical Society of Great Britain, and chairman of the Canadian Proprietary Articles Trade Association, aged fifty-eight.

It is with great regret we make this announcement of the death of Sir William Glyn-Jones, whose health has been giving anxiety to his many friends of late. Sir William had recently been campaigning in North-West Canada on behalf of the Canadian Proprietary Articles Trade Asso-

ciation, and had intended to address the annual convention of the Canadian Pharmaceutical Association, at Regina, but was taken ill on the boat from Prince Rupert to Vancouver. He was admitted to hospital and reported to be improving, though later messages said he had not been quite so well again, and that his intended visit to England this month would probably have to be postponed. Undoubtedly the best-known figure in pharmacy on both sides of the Atlantic, Sir William spent the whole of his career in working for the benefit of the craft, and his untiring zeal on its behalf is highly appreciated by everyone. By his death pharmacy is immeasurably poorer, and his many friends throughout the world will offer their deepest sympathy to Lady Glyn-Jones and the family in their loss. Born at Worcester in 1869, Sir William was educated at Merthyr Tydfil Grammar School, passed the Minor

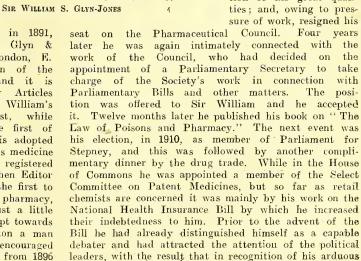
examination of the Pharmaceutical Society in 1891, and two years later was in business as Glyn & Co., chemists, East India Dock Road, London, E. It was at this address that the solution of the anti-cutting problem was worked out, and it is from the foundation of the Proprietary Articles

Trade Association, in 1896, that Sir William's name became familiar to every chemist, while this organisation may be described as the first of the many benefits he has conferred upon his adopted profession-he had turned his thoughts towards medicine and had proceeded so far as becoming a registered medical student. The late A. C. Wootton (then Editor of THE CHEMIST AND DRUGGIST) was one of the first to recognise that a new Boanerges had risen in pharmacy, and although at first Mr. Glyn-Jones was just a little shy as to what attitude this journal would adopt towards his scheme, he quickly found in Mr. Wootton a man who ably seconded his efforts, guided and encouraged him, as the editorial articles of the C. d. D. from 1896 onwards testified. For instance, in the C. & D. of February 1, 1896, Mr. Wootton wrote:

"The hour had come and the man appeared: the latter in the person of Mr. Glyn-Jones, a chemist in the East India Road, who regards the remedying of the miserable state of things we have sketched as his special mission, and who is working his crusade with unquestionable energy and intelligence."

Undoubtedly the sound and practical advice given by the Editor at a critical period helped to put the P.A.T.A. on a firm footing at the outset, and thus a friendship was established between the two men which was only terminated by death. The next event of importance in his career was when in 1898 he was prosecuted under the Sale of Food and Drugs Acts for deficient lime water, while a year later saw the Chemists' Defence Asso-

ciation brought into existence. In that year, too, he became a member of the Council of the Pharmaceutical Society of Great Britain. Next came the Drug Trade Appeal Fund, for which Mr. Glyn-Jones (as he was then) collected over £1,000 in a few months—another proof of his powers. He then that his demonstrated contention about the limewater certificate was right and rescued from a century's oblivion a privilege for chemists contained in the Medicine Stamp Acts to sell unstamped "known, admitted and approved remedies '' (Farmer v. Glyn-Jones). The year 1904 was another memorable one in Sir William's career, as he was called to the Bar of the Middle Temple, London; entertained to dinner by his confrères in the drug trade, who also presented him with a cheque for £550 as a mark of their appreciation of his great qualities; and, owing to pres-





[Elliott & Fry, Ltd.

work at this period, and in 1916 and 1917 as Parliamentary Private Secretary to the Minister of Munitions and the Minister of Reconstruction respectively, he was, in 1919, rewarded with a Knighthood. In 1918 he became Secretary and Registrar to the Pharmaceutical Society of Great Britain, a position he only resigned in 1926 owing to the urgency of a demand upon his services in connection with pharmaceutical organisation in Canada, which involved his spending much time in that country. Sir William also took considerable interest in local affairs, being a justice of the peace for Middlesex, a former member of the Middlesex County Council, and chairman of the Middlesex Insurance Committee. He is survived by a widow, two sons and two daughters.

Though for a long time past he had been in indifferent health, and had made it clear some months ago that he expected shortly to be compelled to retire from public life, his vitality seemed such that he might not unreasonably have been expected to enjoy a prolonged period of retirement. Not only so, but his intellectual vigour remained unimpaired, so that there was every prospect of his being able to continue to advise his friends on all the matters in which he had taken so deep an interest during his strenuous career. The end has, however, come suddenly and unexpectedly, within a few hours of the time at which he had arranged to embark for the voyage home from Canada. He has thus died in harness, probably as he would have wished, virtually in the throes of a struggle to gain for the drug trade in Canada such safeguards in the shape of price maintenance as have been enjoyed so long by chemists and druggists on this side of the Atlantic. As will be seen from the above biographical notes of his career, the idea of protecting the retail selling prices of proprietary articles came to Sir William when a young man engaged in retail business and suffering much from the operations of price-cutters. It speaks much for his wonderful pertinacity that he struggled against very adverse conditions for years, without any particular benefit to himself, in order to secure for the drug trade the advantage of price protection. There were times when he was greatly discouraged, but in the end he triumphed, and the scheme he had conceived and got put into operation became fully recognised. Not only did success attend his efforts in this respect, but he had learned how to organise, how to influence opinion, both openly and behind the scenes, how to wait and, whilst waiting, work in anticipation of what might follow the waiting time. Later, when practising as a barrister, he learned what the law is and how it works, and having secured election to Parliament he then tried his skill at amending the law. He was probably a better hand and more successful at lobbying than on the floor of the House of Commons. The give-and-take of compromise appeared, generally speaking, to appeal to him more than the glamour of oratorical success. At the same time, he was no mean speaker; he was one who could grip his audience and talk convincingly on subjects with which he was properly conversant. Introducing parliamentary methods into his work for the drug trade, he became skilled in utilising advantages gained by occupying certain positions for the benefit of those for whom he laboured in other places. As a full-time officer of any organisation, he would scarcely have achieved the results he did, but as a part-time occupant of several posts he was able to make his influence widely felt. Needless to say, he suffered the fate of all forceful personalities by arousing opposition to his views, and his attitude on certain matters was often criticised. It is, however, beyond question that the career of Sir William Glyn-Jones affords a remarkable example of what can be done by one man, starting life under a considerable

handicap and making headway in a manner that would hardly have been thought conceivable. No one man could well do more than he has done to help chemists and druggists in certain directions. He was not slow to seize upon opportunity, and he appeared never to allow his aim to be diverted. It is to be feared that the temptation offered on his last return to Canada, by opportunities presenting themselves which seemed to clear the road of obstacles in the way of his latest aim, overcame his prudence and induced him to undertake exertions which were not justified by his physical condition. If this be so, he has exhausted himself by directing his final shaft for the benefit of those whose troubles he shared in bygone days. He will be much missed in Canada, more greatly here, and, whilst it must be left to time to prove the value of all that he has done, it seems safe to assert that we shall not soon look upon his like.

Legislation by Departmental Order

Much has been spoken and written of late on the subject of Legislation by Departmental Order, and the growing resentment against the usurpation of the functions of the legislature by the officials of public departments is making itself felt in many directions. The recent comments of the Lord Chief Justice upon an attempt by a Government Department to over-ride the ancient prerogative of the Crown known as "mandamus" is fresh in the public mind; but it has been reserved for the "Law Journal" to direct attention to the wholesale manner in which these Provisional Orders are being adopted and confirmed by Parliament. It is pointed out that at the end of last session the Royal Assent was given to more than one hundred Bills. Of these only fifteen were "Public General Acts." The rest were private Acts and "Provisional Order Confirmation Acts." The large number of the latter which become law each year, in the opinion of our contemporary, "is almost wholly unrealised by members of the public, whose growing feeling that the powers of Government Departments have increased, are increasing, and ought to be diminished, would be vastly strengthened if it were appreciated how large a proportion of the output of the Parliamentary machine consists of Acts of which nothing is heard by the public, and very little is known by Members of Parliament." Precisely so. And until the commercial community in particular, and the nation as a whole, will take steps to see that these Provisional Orders which are required merely to "lie upon the table" for a short time are intelligently scrutinised and criticised by Members of Parliament, this evil system will continue. In no profession or business is there greater need for watchfulness than in the pharmaceutical, and this is one of the strongest reasons why the movement for direct and effective representation of pharmacy in the House of Commons, which has been allowed to lapse during recent years, should be pressed forward in every possible way. Only by having representatives in the House who will drag out into the light of publicity these generally uninferesting but often very serious proposals, is it likely that an effective check will be put upon the practice. There is, of course, another method of checking it which all Members of Parliament ought to be made to realise, and that is to stop inserting clauses in Acts of Parliament which authorise Government Departments to make these Provisional Orders, except within very strictly defined limits.

THE death occurred at Orange, New Jersey, U.S.A., on September 5, of Colonel Austen Colgate, vice-president of Colgate & Co., from heart failure.

Sir William S. Glyn-Jones

A Personal Reminiscence

No small stir was created in pharmaceutical circles when, on June 15, 1904, two practising pharmacists relinquished their craft for the law and were called to the Bar, side by side, by the Benchers of the Middle Temple. It seemed meet that the survivor should be given an opportunity of recalling the event, and, in response to our invitation, Mr. Marshall Freeman, F.C.S., barrister-at-law, Recorder of Stamford, has sent us the following:—

"Most willingly do I respond to your kind invitation Most willingly do I respond to your kind invitation to say something about my old friend, whose passing I deeply regret, and concerning whom a flood of old memories surges up. It seems but the other day—though now a quarter of a century ago—that we met face to face in the old hall of the Middle Temple, neither knowing that the other was shortly to be "called," for he in London and I in my native Birmingham had pursued our studies apart, and my brief journeyings up to town to dine in hall had not as yet revealed his presence there to me or mine to him. And so it presence there to me or mine to him. And so it was that we met at last, with mutual surprise, to learn that our call-night would be one and the same. How well I remember that occasion—for this queer reason amongst others, that it was the only time I ever heard Glyn-Jones sing a comic song—which he did with true native talent, standing on a table during the afterfestivities when the Benchers had retired and gravity had given place to mirth! But he was a singularly genial and companionable fellow, as many of his old pharmacist friends can testity. I first came to know him long years before that historic event, when he was canvassing (I think with Jeffrey Poole and the late F. H. Prosser) in support of his scheme for protecting the retail pharmacist against the cut-throat policy of price-cutting. It was then the man showed his real mettle; it is no exaggeration to say that his work promettle; it is no exaggeration to say that his work produced results far beyond the immediate trading circle in which his personal interests lay, and it is a notable fact that he should still have been engaged at the time of that he should still have been engaged at the time of his passing, and after strenuous years of other and more varied activities, in the very same work that first called forth his latent powers, but away in the expanse of Greater Britain. I have been looking back into my records of the old days and am reminded that his legal career opened with exceptional promise:—'W. S. Glyn-Jones, journalist, certificate of honour, Easter 1904'—so runs his description in the official record of calls to the Bar. The law is a jealous mistress and demands undivided allegiance from her devotees. Had the future Registrar of the Pharmaceutical Society been able to give himself wholly to the practice of the law he would inevitably have risen to high preferment, for he had the nimble mind and the argumentative persistence which are the sure weapons of forensic success. As it was he chose an alternative pathway to fortune As it was he chose an alternative pathway to fortune and fame that lay nearer to hand, and his appearances as advocate were confined to comparatively narrow limits. But from the very first case in which he held a brief—when he persuaded a bench of magistrates that ammonium carbonate was not necessarily a drug, and that there was no commercial standard for it—till the last of the series of Food and Drugs Act cases in which he appeared—he enjoyed an almost uninterrupted triumph. There is little doubt that had he chosen a wider sphere of legal practice he would to-day have been one of the best-known and busiest of the leaders of the Bar. Of his political career others are more competent to speak; but I know something of it, for he and I met from time to time, and on more than one occasion I was able, being of another political complexion, to co-operate with him in securing Parliamentary support for some non-party project of moment to pharmacists. But this I do know—and it is worth recording —that he was not at heart a politician. He was an economist. On one of the last occasions when we met—not very long before he started for Canada—we were chatting about the political situation. 'A dirty game, Freeman, a very dirty game. I'm thankful to be out of it!' Those were his words to me, and they sum

up the true attitude of the man of affairs toward the pettiness and selfishness that lie behind a great deal of the political activity of the present day. His book, 'The Law Relating to Poisons and Pharmacy'—so far as I know the only legal volume he wrote—stands on the shelf before me. It will serve to keep alive the memory of his fine qualities. The pleasure of knowing that he has left a son to the Temple and the Bar, not unworthy of the ancestral tradition, will compensate to some extent at least for the feeling of regret at the loss of one's old familiar friend."

An Appreciation

Mr. Philip F. Rowsell, J.P., F.C.S., writes:—The passing of Sir William Glyn-Jones removes from our midst the greatest pharmaceutical politician and organiser of modern times. As one who has worked in the closest contact with him for over 30 years the wrench is a severe one. His ability was self evident, and the sincerity with which he stated his views was extraordinary, not that one saw eye to eye with him at all times, but nevertheless everyone was compelled to acknowledge even under such circumstances the marked ability with which he presented his side of the question under dis-cussion. Those of us who were closely associated with him in the early days of the P.A.T.A. know full well the struggles and difficulties that had to be encountered and conquered, the misconceptions that had to be removed, and the gradual building up of that great organisation which to-day is the envy of pharmacists all over the world. We who remember the state of affairs existing before the P.A.T.A. came into being are sometimes a little surprised at the criticism levelled against some of the defects that are bound to occur in such an organisation. Sir William's work in connection with the establishment of the Chemists' Defence Association has been of extraordinary benefit to the calling, and the enormous amount of work done by him as secretary of the Pharmaceutical Society during and after the war is too fresh in our memories to need mention in this brief appreciation. Pharmacists are indebted to him as a member of Parliament very largely for upholding the right of pharmacists to be the nation's dispensers—and now he is with us no more. We who were in immediate contact with him in public and private life felt that the work he was setting out to accomplish in Canada would tax his strength almost to breaking point, and unfortunately this has proved only too true. We can only hope that the sacrifice made will be of lasting benefit to pharmacists throughout the Empire in the years that are to come.

New Books

Lister ('entenary Exhibition at the Wellcome Historical Medical Museum. 9 in. by 6½ in. Pp. 216. The Wellcome Foundation, Ltd., London. [An illustrated handbook of the Lister Exhibition, arranged early this year, with an introduction by Sir Hector Cameron, a Life of Lister, a bibliography in two sections, and an appendix containing the speeches delivered at the opening ceremony in 1913, and at the reopening in 1926.]

Waldschmidt-Leitz, E.—Die Enzyme. 8½ in. by 5½ in. Pp. 250. Marks 14. Friedr. Vieweg & Sohn Akt.-Ges., Brunswick. [The great advances made in our knowledge of the chemistry of enzymes during the past two decades are critically reviewed and classified. The general characters, properties and actions of enzymes are described in the first six chapters, which are followed by a chapter dealing with their occurrence, formation, isolation and determination. The second part of the work is devoted to a detailed description of the more important enzymes, arranged in systematic groups, giving for each its occurrence, purification, specific action and characters. The author has succeeded in extracting the essential facts from the wealth of accumulated data available in the literature, which are concisely presented in logical sequence, and since he deals only with definitely established facts, these are not obscured by the inclusion of theories or hypotheses.]

French Tariff Changes

The French Government, having failed to secure the acceptance by Parliament of the new Customs tariff introduced a few months ago—details of which were given in the C. & D., March 12, 1927, p. 318—have now availed themselves of the power vested in the President of the Republic by a law passed on July 27, to effect a large number of alterations in the rates of duty by means of a presidential decree. These modifications in the French Customs tariff, which are of a provisional nature, not only affect the rates of a large number of articles, but, in addition, they constitute an extension of the existing tariff by the inclusion of several new articles which are for the first time specifically named in the tariff. The new rates of duty for articles of interest to our readers are given in the table below. The two successive increases of 30 per cent. in all rates of duty, which came in force in 1926, do not apply in cases where new rates of duty have been established; consequently the charges given below represent the actual rate to be levied on the articles to which they apply.

		.,	
	Co- efficient	Minimum Tariff Francs	General Tariff Francs
		D 100	D 100
*		Per 100	Per 100
		kilos	kilos
Aconitine and salts		40 ad val.	10 ad val.
Acetanilide	5	192	48
Acetone	5	80	20
Acid acetylsalicylic	5	720	180
Acid carbonic liquid	5 5 5 2 4 3	104	26
Acid chromic	4	400	100
Acid gallic	3	520	130
Acid carbonic liquid Acid chromic Acid glycerophosphoric and		00 1 1	15)
grycorophosphates	_	60 ad val.	15 ad val.
Acid hydrochloric	Z	10	2.50
,, (com'l., pure)	- <u>Z</u>	20	5.0
Acid phosphorie	် ်	80	20
Acid phosphoric Acid pyrogallic (tech.) Acid pyrogallic (tech.) Acid tannic (alcohol)	2 2 3 5 5 5 5 5 5	80	20
Acid pyrogalic (tech.)	5	600 400	150
Acid tannic (alconol)	5		100
Advanction and colta	5	600	150 60,000
	5	240,000	60,000
Ammonia:	6	21.20	5.30
Over 210/	5 5	33.60	8.40
21% wt. or less Over 21% Ammonium, barium, cal-	1 3	33.60	0.40
eium notassium sodium			
cium, potassium, sodium, strontium bromides	4	125	100
Ammonium carbonate and		125	100
bicarbonate	4	50	1,250
- Ammonium, lithium, potas-		50	1,200
sium, sodium, strontium,			
iodides	5	500	400
Ammonium nitrate		80 ad val.	25 ad val.
Ammonium phosphate	_	26	6.50
Ammonium, iron, magnesium,	_		
sodium, zinc valerianates	3	1,000	250
Arseniates:		104	0.0
Copper	5	104 104	26 26
Lead Potassium	5	104	26
	3	60 ad val.	15 ad val.
Sodium	,	OU au vai.	15 ad vai.
ceutical), kilo	5	40	10
Atropine and salts		80 ad val.	20 ad val.
Barium carbonate	2	40	10
Barium chloride	2	40	10
,, nitrate	2 2 2	35	8.75
Barium sulphide	2	25	6.25
Bismuth, carbonate, nitrate,			
salicylate	5	600	150
Other bismuth salts	_	80 ad val.	20 ad val.
Bromoform	4	800	200
Caffeine and salts		80 ad val.	20 ad val.
Calcium lactate	5	160	40
calcium phosphates, includ-			
ing chlorhydro and lacto- phosphate		60 ad val.	15 ad val.
Camphor (artificial or syn-		oo au vai.	15 au vai.
thetic)	2	60 ad val.	15(exempt)
Carbon disulphide	2	50	12.50
Carbon tetrachloride	5	52	13.00
Chloroform	4	400	100
Chloral hydrate	2	1,000	250
Copper sulphate	2 2 5 4 2 5	6.20	1.55
Creosoto (wood)	5	280	1 70
Digitaline	_	80 ad val.	20 ad val.

		Minimum	General
	Co-	Tariff	Tariff
	efficient	Francs	Francs
		Trancis	- 1141103
		Per -100	Per 100
_	-	kilos	kilos
Emetine and salts	-	80 ad val.	20 ad val.
Eserine and salts	_	80 ad val.	20 ad val.
E4bas	-	200	
	5		50
Ethyl chloride	5	280	70
Ethyl, ethylene and methyl		000	000
bromides	4	800	200
Eugenol	_	60 ad val.	15 ad val.
Ferri et amm. cit		80 ad val.	20 ad val.
Glycerin, dist.	5	80	. 20
Hexamine	_	60 ad val.	15 ad val.
Hydrogen peroxide	<u> </u>	80 ad val.	25 ad val.
Iodoform	4	3,200	800 .
Lac (white)	_	40 ad val.	40 ad val.
Lithium, benzoate, carbon-			
ate, citrate, salicylate	5	800	200
Other salts		80 ad val.	20 ad val.
Magnesium		72 ad val.	18 ad val.
Magnesia, calcined, pure		20 ad val.	5 ad val.
Magnesium sulphate	5	20	5
Medicines: Compound—	3	20	
(1) Included in a phar-			
maconomic ma phar-	_	60 ad val.	15 ad val.
macopœia	- T	60 ad val.	15 ad val.
		Prohibited	Prohibited
	i —		15 ad val.
	_	60 ad val.	5 ad val.
Mercury, chlorides and oxides	_	20 ad val.	12
Methyl alcohol	5	48	
Organotherapeutic products	_	60 ad val.	15 ad val.
Pepsin	_	80 ad val.	20 ad val.
Pilocarpine and salts	_	80 ad val.	20 ad val.
Platinum salts	_	40 ad val.	10 ad val.
Petass. caustic	5	36	9
Potassium chlorate	4	50	12.50
Potassium citrate	_	80 ad val.	20 ad val.
Potassium cyanide	5	80	20
Potassium ferrocyanide	5	100	25
Potassium permanganate	_	200	50
Petassium sulphocyanide	5	200	50
Rectified spirit	5	96 .	24
Resins	2	16	4
Safrol		60 ad val.	15 ad val.
Sodium bisulphite liquid	2	25	6.25
Sodium citrate	<u> </u>	80 ad val.	20 ad val.
Sodium cyanide	5	80	20
Sodium nitrite	2	120	30
Sodium perborate	2	240	60
Sodium peroxide	5	100	25
Sodium sulphate (Glauber's	3		
		17	4.25
0.1		60 ad val.	15 ad val.
(0)		80 ad val.	20 ad val.
(Organie)	5	96	24
Sugar of milk		20 ad val.	5 ad val.
Sulphonal		49.60	12.40
Tetrachlorethane	5	2,000	500
Theobromine and salts	5	2,000	300
Thorium, cerium, and salts	۸ .	7 200	800
of rare earths	4	3,200 60 ad val.	15 ad val.
Thymol	_	00 ad val.	5 ad val.
Trional		ZU au vai.	Jau vai.
Urethane	5	360	90
Vanillin and its derivatives		00 . 1	00.50
or substitutes	_	80 ad val.	22.50
Veronal (diethyl-barbituric			ad val.
acid)	5	480	120
Volatile oils or terpeneless			00 1 .
essences		80 ad val.	20 ad val.
Zine carbonate	-	20 ad val.	5 ad val.
Zine chloride		40 ad val.	10 ad val.
Zinc oxide	5	48	12
Zinc sulphate	2	35	8.75
*			

In the Preston and District Thursday Cricket League, the Pharmacy team has ended the season fifth, having derived 14 points from the 12 matches played, five being won, four drawn, and three lost.

Papain from Samoa.—Although no papain has as yet been exported from Samoa, planters are interested and have orders on hand for more than can be produced, according to the U.S. vice-consul at Apia. Both German and American buyers have attempted to purchase papain. Eetter prices are offered by the German buyers, but quicker returns from American sales may induce exporters (says the report) to market the papain in the United States.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc.

Qualities of chemicals, drugs, and many other commodities vary greatly, and higher are charged for selected even in bulk quantities.

42 Cannon Street, E.C.4, September 15

THE better tone reported in Mincing Lane since the beginning of the month appears to be maintained, but the buying is chiefly hand-to-mouth with few price alterations. Senega and ergot are again outstanding features, a further advance having taken place, the undertone being very firm. Kola has been in demand and supplies are now scarce. Balsam tolu is held for higher prices, as all the cheap parcels have been disposed of. Among the essential oils, bergamot and lemon are cheaper. Java cananga is lower to arrive, also cassia and American wormseed. Fair sales have been made of American and Japanese peppermint oils. In the group of pharmaceutical chemicals, the volume of trading continues limited, with slight alterations in a few items. Potash permanganate is interesting and may change in the near future. Phenacetin and methyl sulphonal are easier. Among industrial chemicals rather more inquiry is reported, the few changes including lower prices for certain lead products. Arsenic is firmer, while barium chloride and sodium nitrite are easier. Business in coal tar products is moderate. Carbolic acid crystals are steady and cresylic acid continues active. Pyridine is nominal, and pitch easier. Among the fixed oils the activity noted last week has continued, and a number of products are again dearer. These include castor and palm oils; some grades of cotton are higher; linseed and turpentine are easier.

Higher	Firmer	Easier	Lower
Balsam tolu Castor oil (Eng.) Ergot Ferri quin. cit. Lemongrass oil (Cochin) Palni oil Senega	Arsenic Cotton oils Cumin seed (c.i.f.) Kola Rape oil Steadier	Bergamot oil Canary seed (Mazagan) Cassia oil Citronella oil (Jv.) Cod liver oil Linseed oil Menthol Phenacetin Sodium nitrite Turpentine	Barium chloride Cananga oil (Jv.) Geranium oil (Bour.) Lemon oil Methyl sulphonal Milk-sugar Pitch Red and white lead (Eng.) Rubber Sassafras oil
			11.

A drug auction will be held next Thursday, September 22.

Crude Drugs, etc.

AGAR AGAR is quiet. Kobe No. 1 strip is offered on the spot at 3s. 3d. per lb., September-October shipment at 2s. 11½d., and new crop, January-March shipment, at 2s. 11½d. c.i.f.

ALOES, CURAÇÃO.—For "t.q." quality in 25-box lots 58s.

per cwt. is quoted

Antimony has been dull and easier inclined. Chinese regulus on the spot is now offering at £51 and even £50, but buyers are showing no interest, which also applies to forward shipment, which has been offering at £46 down to £45. Crude is still nominal with spot at £38, but business could presumably be done at less.

Balsams.-Tolu is likely to be dearer, as all the cheap parcels have been disposed of, and the lowest is now 2s. 10d. per lb. for genuine as imported. Balsam Canada meets with a small sale at 6s. 3d. per lb. Central American Copaiba, B.P., is quoted at about 2s. 4d. per lb. on the spot. Peru is 6s. 6d. per lb. for B.P.

Belladonna Root is firmer at 60s, per cwt. on the spot for 0.45 per cent., and the higher price of 67s. 6d. to 70s. per cwt. c.i.f. is asked for belladonna leaves.

CADMIUM is firm with a steady demand for Australian, which is selling at 1s. 11d. per lb., and American is nominally quoted at 2s. per lb.

CARAWAY SEED is unchanged. Dutch offering at 33s. per cwt. c.i.f. for old and new crop for prompt shipment.

An Amsterdam report states that this year's crop is smaller than anticipated and will not exceed 100,000 bags, against an average annual consumption of 125,000 bags. The old stocks are large, however, and up to now bull speculators tried in vain to advance prices. On the speculators tried in vain to advance prices. On the other hand, the "bear" positions of exporters in foreign countries seem to be heavy, and with the farmers retaining their crop, it is possiblo that speculators may corner the early months in the terminal market, with much higher parities, particularly for the September to December months. The quality of the seed is poor and darkish, and the new crop mostly shows a bad yield on distillation.

CASCARILLA is very scarce, with limited supplies coming forward; quill is 4s. 9d. to 5s., and siftings 2s. 6d. to

CHAMOMILES.—Fair quantities of the Belgian crop are being sold, spot quotations being from 95s. to 105s. per

Cloves.—Zanzibar remains quiet, spot selling at from 73d. to 8d. per lb., and October-December shipment is offered at 72d. per lb. c.i.f The landings in London during the week ending September 10 were 14, and the deliveries 64, leaving a stock of 11,954, against 11,175 in 1926 and 8,024 bales in 1925. From January 1 to September 10 the landings were 15,482, against 9,968 in 1926, and the deliveries 11,129, against 12,993 in 1926.

COCHINEAL.—At present high prices, sales are mostly hand to mouth, blacks selling at 3s. 7d. per lb. and silver-grey at 3s. 10d. Silvers are unobtainable.

COCOA BUTTER.—Prime English (C.F.R.) is 1s. 8½d. per

lb. and other makes 1s. 8d. in not less than one-ton lots.

Con-Liver oil is on the easy side at from about 162s. to 165s, per barrel c.i.f. London for finest non-freezing steam-refined Lofoten oil; spot value is about 162s 6d. to 165s.

Bergen. September 10.—Since my last report of September 3 the market is slightly easier, and finest non-freezing steam-refined quality is quoted at 172s., c.i.f. London. Perhaps a lower rate per barrel would be accepted.

CORN PRODUCTS, ETC.—Guaranteed water-white glucose (corn syrup) is quoted at 21s. per cwt. for prompt and September delivery, ex store, London, duty paid. Dutch maize starch powder (cornflour) is 14s. 6d. per cwt. on the spot. American, for September delivery, is 14s. 9d. per cwt. net, ex store, London. Pearl starch is 14s. 3d. per cwt. for September delivery, ex store, London. Dutch maize starch crystals is 19s. 6d. on the spot, and American for September delivery is 19s. per cwt., ex store, London. Dutch dextrin is 22s. per cwt. for superior. American canary for September delivery is 18s. 3d. White, 18s. per cwt., ex store, London, for September. Dutch farina is 17s. 6d. per cwt. on the spot, and 16s. 6d. per cwt. f.o.b. for prompt shipment. Damiana leaves are quoted at 1s. 6d. per lb. on spot

and at 1s. 5d. c.i.f.

DIGITALIS LEAVES are quoted on the spot at 85s. per cwt., and to come forward 75s. 6d. c.i.f. is quoted.

Egg products.—Dried Chinese yolk is dull at 2s. per

lb. spot; affoat and September-October shipment is 1s. 10d. c.i.f Prime Chinese hen egg albumen is 2s. 8d. to 2s. 9d. spot, and September-October shipment 2s. 7d. per lb. c.i.f.

ERGOT is again dearer with prices irregular and offers by no means firm. On the spot sales of Russian have been made up to 4s. per lb., with 4s. 3d. asked, and to arrive 3s. 10d. to 4s. 4½d. c.i.f. is quoted. Spanish is 4s. 8d. to 4s. 9d. c.i.f. for new crop, with one quotation of 5s 6d. c.i.f. It is difficult to get offers from Hamburg.

GLYCERIN meets with sharp competition from the Continental makers, and it is possible to buy chemically pure double-distilled s.g. 1.260 quality B.P. at from £106 to £107 per ton.

Honey.—Sales of fine white smooth Californian clover have been made at 52s. 6d. per cwt. landed. Hydrastis is offered at 19s. per lb. on the spot and

at 18s, 6d, c.i.f. to arrive.

JALAP.—For Vera Cruz root, testing 15 per cent.,

1s. 6d. per lb. c.i.f. is quoted, and spot lots at ls. 10½d. Kola continues in demand, and spot stocks are now very small, with West Indian offering at from 42d. to 5d. per lb. African quarters are scarce.

LIQUORICE ROOT.—Good natural Russian is quoted at 19s. per cwt. c.i.f., and single peel at 34s. 6d. to 36s. 6d. per cwt.; spot is 20s. to 21s. for natural, and Persian Gulf is 20s.

LOBELIA HERB is unchanged at 9d. per lb. c.i.f.

LYCOPODIUM is firm with a fair business passing at from 6s. 6d. to 6s. 8d. per kilo.

MALE FERN EXT.—Spot lots are quoted at 5s. 3d., and

to arrive 5s. c.i.f. is quoted.

Menthol is easier, spot offering at 15s. 7½d. per lb. for Kobayashi-Suzuki. To arrive, October-December shipment is quoted at 14s. 3d., and January-March (1928) shipment at 14s. per lb. c.i.f. It is reported that a company has been formed in Japan to deal with the liquidation of the Suzuki stock, which accounts for the lower shipment prices. When these offerings have been disposed of a firmer tendency is looked for.

MERCURY is steady and in fair demand on the spot at £21 15s. to £22 per bottle. Reports from America state that fairly active buying has been going on there with the price at around \$122 per bottle, duty paid. American advices state that owing to the high prices. a number of mines which had been closed down for some time in Mexico are now being again exploited.

OPIUM.—Spot stocks of good Turkey druggists' are practically exhausted and the price is nominal at 2s. 5d.

per unit.

PIMENTO is steady at 9d. per lb. on the spot; afloat has been sold at 76s. 6d. per cwt. c.i.f. August-September shipment is 68s. c.i.f., and September-October

RUBBER is very unsettled, and after dipping to 1s. 4dd. per lb. there has been a revival, and up to 1s. 4 dd. was paid at the close. It would appear that a fair amount of October-December rubber was liquidated and switched over to January-March and April-June next year. This, combined with the fact that there was a further sharp advance in stocks, created a very weak position. The London stock of plantation rubber shows a further increase on the week of 968 tons, making the total 66,007 tons, against 31,851 tons at the corresponding period last year, and 5,690 tons in 1925. Quotations (Wednesday, 5 p.m.):—No. 1 standard ribbed smoked sheet. spot and September, 1s. 4\(\frac{1}{6}\)d.; October-December, 1s. 5d.; January-March, 1s. 5\(\frac{3}{6}\)d. per 1b.

SEEDS .- The market is unchanged and business continues of little importance. ANISE.—Spanish is 49s., and Russian 28s. per cwt. Canary is again easier: Mazagan is 14s. 6d. spot and 13s. 6d. c.i.f. for shipment; Saffi, 14s. spot. Cumin.—Maltese is 50s. to 55s. per cwt. spot, and Morocco 48s. to 50s. spot; forward shipment is a little firmer at 48s. c.i.f. Corlander.—Morocco is quiet at 36s. per cwt. spot and 34s. c.i.f. Fenugreek is 14s. to 14s. 3d. spot and 13s. c.i.f. for forward shipment. Hemp.—Manchurian is 14s. to 15s. per cwt. spot. Linseft.—Mazagan is 18s. spot. and 17s. c.i.f. spot. Linseed.—Mazagan is 18s. spot and 17s. c.i.f. Mustard.—English is 30s., but very little interest shown.

Senega is again dearer, with spot sales at from 5s. 3d. to 5s. 6d. per lb., the latter being the price at the close. Offers from the U.S. have been made at 5s. 6d. c.i.f., and from Hamburg (for September shipment from Canada) at 5s. 4½d. c.i.f. Those in a position to judge anticipate that the spot price will be 6s. shortly.

SHELLAC.—The spot market shows little change on the week, usual standard TN orange closing at 237s. 6d. per cwt.; fine orange is 255s. to 330s.; pure button, 290s.; and AC cakey, 225s. To arrive, the sales include TN for October-November shipment at 233s. 6d. to 222s. 6d. c.i.f., and November-December at 226s. to 222s. 6d. c.i.f. For delivery, October has been sold at 244s. to 235s., December at 237s. 6d. to 242s. to 235s., and March at 236s. to 231s. to 222s. 6d.

Vanilla.—Spot quotations of Bourbon are rather irregular in view of the slow demand and large supplies. Values of usual firsts, 6 to 7 in., range from about 9s. to 10s. per lb., and slightly less for quantity.

Essential Oils

PRICE movements are generally in buyers' favour, and only a moderate demand is noted. Lower quotations are made for bergamot and lemon oils, Java cananga has declined. Cassia is cheaper for shipment. Lower quotations have been reported for Bourbon geranium in some

directions. American wormseed is cheaper. Cochin lemongrass is dearer to arrive. Java citronella is cheaper.

The following are the quantities and values of natural essential oils (other than turpentine) imported into and re-exported from Great Britain during August, 1927, compared with the same months in 1925 and 1926, also for the eight months in the respective years :-

1925 1927 262,773 Aug. imports (other 284,578 299,926 than turpentine) .. value £50,737 do. lb. 2,637,536 £64,066 £75.250 Jan.-Aug. imports 3,071,476 2,433,529 value £780,266 £712,329 Aug. re-exports do. lb. 75,090 60,283 £22,487 value £25,322 561,316 £19,211 Jan.-Aug. re-exports do. lb. 686,499 value £257,514 £225,535 £215,806

ANISE (STAR) .- "Red Ship" is dull at from 2s. 6d. to 2s. 7d, per lb, on the spot in leads. Tins have been selling at 2s. 5d., less usual discount. For shipment 2s. 3½d. c.i.f. is quoted for tins and 2s. 3d. drums. Leads are 2s. 5d. to 2s. 5¼d. c.i.f.

BERGAMOT is easier to arrive at 24s, to 24s, 6d, per lb. c.i.f. for well-known brands, and on the spot supplies are

freely offered at 25s. per lb.

freely offered at 25s. per lb.

Cananga.—Much lower prices have been quoted recently for Java oil, at from 11s. 3d. to 11s. 6d. per lb. c.i.f.
Only small quantities are available on the spot, 15s. being asked for slightly below average quality.

Cassia.—The general quotation for 30 to 85 c.a. on the spot is 6s. 6d. per lb., although it is reported that there are cheaper sellers. For shipment, 5s. 8½d. to 5s. 9½d. c.i.f., which is lower, has been current this week.

CITRONELLA.—Ceylon on the spot is unchanged at 1s. 5d. per lb. For shipment 1s. 3¾d. to 1s. 4d. c.i.f. is asked. Java oil is cheaper at 1s. 7d. to 1s. 7½d. spot and 1s. 6¾d. c.i.f. October-December is 1s. 7d. c.i.f., and 1s. 8¼d. c.i.f. is quoted for 1928. is quoted for 1928.

is quoted for 1928.

EUCALYPTUS continues firm at 2s, per lb, for Australian water-white, 70 to 75 cineol, at which sales are reported.

GERANIUM.—Bourbon is a shade easier to arrive at 160 fr. to 165 fr. per kilo c.i.f. from the island (= 11s. 8d. to 12s. per lb. approximately). On the spot, holders quote 12s. 3d. to 2s. 9d. Spot business is reported in Algerian, which is about steady at from 11s. 9d. to 12s., as to quantity.

LAVENDER.—Good quality French new crop oil. 38 to 40 per cent. esters, is obtainable on the spot at from 17s. 6d. to 18s. 6d. per lb.

LEMON.—A rather easier tone prevails at the source, owing to some holdings being pressed for sale. Export business has been slow for some time, and offers are freely made at 6s, 10d. to 7s. 2d. per lb. c.i.f. On the spot, from 7s. to 7s. 3d. is quoted, which is cheaper.

LEMONGRASS.—Cochin is steadier at about 3s. 5d. per lb. in large drums on the spot, and dearer at 3s. 4½d. c.i.f. to arrive.

Mandarin is unchanged at 26s. per lb. on the spot.

C.I.I. to arrive.

Mandarn is unchanged at 26s, per lb, on the spot.

Orange.—Sicilian sweet is unchanged at from 10s. to
10s. 3d, per lb, on the spot. Bitter is 10s. 4d.

Pammarosa.—Some inquiry has been made for East Indian, which is steady at 9s. 6d. per lb, spot and 9s. c.i.f.

Patchoull.—Usual quality Penang oil has been inquired for and is obtainable at 35s. per lb, on the spot in moderate quantities. For shipment about 32s, c.i.f. is quoted.

Peppermini.—Rather more interest has been shown in

quantities. For shipment about 32s, c.i.f. is quoted.

Peppermint.—Rather more interest has been shown in American natural tin oil, which has been in fair demand, with values practically unchanged. Steady sales of September-October shipment are reported at from 12s, 6d, to 12s, 9d, per lb, c.i.f. Spot is obtainable at from 15s, to 12s, 9d, per lb, c.i.f. Spot is obtainable at from 15s, to 15s, 3d., but supplies are scarce. Japanese dementholised is dull at 7s, 6d, for Kobayashi-Suzuki, and 7s, 4½d, five-brands. October-December is 6s, 10½d, c.i.f., and January-March 6s, 7½d, to 6s, 6d, c.i.f., with fair sales of the latter position at these figures.

According to the "Oil, Paint and Drug Reporter," one of the largest operators in the Michigan and Indiana markets had been buying freely. He is also credited with the view that "the producers are entitled to \$3 per lb. for their oil." Regardless of all attempts to stem the price decline by liberal use of scare reports regarding losses through early frosts and dissemination of estimates of the entire crop, which suggest that it will not be more than 600,000 lb. for the whole country—including the production of Oregon, Washington, California and Texas—the feeling is that prices will ultimately decline considerably and the production will run close to 900,000 lbs.

Sassafras is cheaper on the spot at from 'S. &d, to 4s.

SASSAFRAS is cheaper on the spot at from 3. Ed. to 4s.

SASSAFRAS is cheaper on the spot at from S. \$4, \$6 4s, per lb, for genuine American.

SPEARMINT.—Fair sales have been reported recently for forward delivery; c.i.f. to arrive is quoted at 14s. 9d. to 15s. 6d. per lb, as to seller.

VETIVERT.—Spot holders are quoting 27s. 6d. per lb, for Bourbon in moderate lots, with sales reported thereat.

The demand is small and influenced by plentiful offers of

The demand is small and influenced by plentiful offers of Java oil at almost level rates.

WORMSEED (CHENOPODIUM).—Cheaper c.i.f. quotations have been made at from 15s, 10d, to 16s, 6d, per lb, c.i.f. Spot supplies are scarce at 17s, 6d,

YLANG-More business has been passing in Bourbon and higher quotations have been made recently in some directions on the spot. Sellers in France have reported that only a small demand has been noted.

The following arrivals have taken place from the countries indicated during the period September 8 to 14 (inclusive):—Anise, star (Ch.), 20 cs.; bergamot (Fr.), 2 cs.; cade (Sp.), 3 dm.; camphor (Jp.), 5 dm.; cimmamon leaf (Cey.), 5 dm.; cinnamon (Ger.), 1 cs.; citron (Fr.), 1 cs.; citronella (Jv.), 12 dm.; euealyptus (Aust.), 260 cs., 6 dm.; jumiper berry (Ger.), 3 cs.; lemon (It.) 10 cs., (U.S.) 12 dm.; lemongrass (Fr.), 1 dm.; lime (B.W.I.), 16 dm., 2 cs.; linaloe wood (Mex.), 6 dm.; nutmeg (U.S.), 6 dm.; peppermint (Aust.) 80 cs., (U.S.) 3 dm., 5 cs., (It.), 7 dm., 21 cs.; (Ger.) 1 cs., 1 dm., (Jp.) 120 cs.; pine (Ger.), 2 cs.; rose (Bulg.), 1 cs.; rosemary (Sp.), 6 dm.; spearmint (U.S.), 1 cs., 2 dm.; spike (Sp.), 5 dm.; vetivert (Holl.), 1 cs.; undescribed (Fr.), 2 cs.

Pharmaceutical Chemicals, etc.

The volume of business done continues limited in most products. Price cutting in some imported lines is noticeable, but there has been little alteration in values. Permanganate of potash is an interesting market. Phenacetin and methyl sulphonal are easier. Dutch milk sugar is

ACETANILIDE continues to be quoted at about 1s. 6d. per lb. for B.P. crystals and powder; business remains quiet.

Amidopyrin is offcring on epot at about 8s. 6d. per lb.;

market dull.

ASPIRIN.—Cheap prices are offered in some quarters at slightly below the usual rates of 2s. 3dd. to 2s. 5d. per lb., as to grade and quantity; business limited. British makers quote 2s. 4d. por lb. for round lots, and would perhaps shade this very slightly for a contract.

BARBITONE is quiet, dealers offering on spot from 5s. 9d.

BENZOIC ACID (B.P.) remains quiet, but steady at about 1. Id. per lb., for large quantities; small parcels, 2s. 2d. BROMIDES.—There is no further change, and the market

brownes.—There is no future change, and the marker is reported steady, with a moderate business being done; dealers' prices: ammonium, 2s. 1d.: potassium, B.P. crystals, 1s. 9d.; granular, 1s. 8½d.; sodium, B.P., 1s. 10½d. to 1s. 11d. for quantities; British makers' prices unchanged: ammonium, 2s. 2d. to 2s. 3d.; potassium, 1s. 9½d.; sodium,

CALCIUM LACTATE is steady but quiet at from 1s. 12d. to

1s. 2d. for large quantities.

18. 2d, for large quantities.

Chloral hydrate is steady on spot for duty-paid crystals at 3s. 2d, to 5s. 3d, per lb.

Citric acid (B.P. crystals).—The volume of business continues poor and sales prices are difficult to ascertain: quotations for foreign are in the region of 1s. 6½d, to 1s. 6¾d, per lb., less 5 per cent., ex store, for secondhand.

Creosore (R.P.) continues quiet at 1s. 8½d, to 1s. 9d, per lb.

CREOSOTE CARBONATE is steady, but a dull market at from

5s. 9d. to 6s. per lb.
FERRI QUIN. CIT.—Prices have been advanced 4d. per oz. all round

GUAIACOL CARBONATE is easy at 4s. 9d. to 5s. per lb.; business quiet.

HEXAMINE.—Price cutting between dealers continues, with quotations at 2s. 3d. to 2s. 5d. per lb., as to grade and

HYDROQUINONE.—Some shortage of spot supplies is reported, with prices steady at 3s. to 3s. 2d. per lb., for fair

quantities. LACTIC ACID (B.P.) is unchanged as offered from 2s. 6d. por lb. in one-cwt. carboys; pale technical, 50 per cent. by weight, £43 per ton, ex storc.

LITHIUM CARBONATE is quoted at 6s. 9d. per lb.

METHYL SALICYLATE (B.P.).—Offers of quantities at 1s. 5½d to 1s. 6d. per lb. do not attract buyers; the market is weak. METHYL SULPHONAL is easier at about 9s. to 9s. 6d. per lb. Milk Sugar.—Dutch is cheaper at from 60s. to 62s. per ewt. for B.P. powder, according to quantity. German (B.P.) is 57s. 6d. to 58s. 6d. as to quantity.

Paraformaldehyde (100 per cent. powder) continues steady, with a fair business passing; quantities from 1s. 8d. per lb.; small parcels 1s. 9d

small pareels, 1s. 9d.

Paraldehyde is unchanged at 1s. 1d. to 1s. 2d. per lb. as

to quantity and packing.

PHENACETIN.—Competition between dcalers continues with their prices easier at 2s. 6d. to 2s. 8d. por lb. for quantities.

PHENAZONE is steadier, with a little more business about: dealers quote at 4s. 2d. to 4s. 4d. per lb. as to quantity.

PHENOLPHTHALEIN is very steady: half-ton, 6s. 6d.; two-cwt., 6s. 8d.; small parcels, 6s. 10d. per lb.
POTASSIUM PERMANGANATE (B.P.) is very steady, with prices

POTASSIUM PERMANGANATE (B.P.) is very steady, with prices in London still at 6½d. per lb., in drums, while small sales are reported from the North up to 7½d. per lb. It is understood that an application has been lodged with the Board of Trade for the removal of this product from the Key Industry import duty list.

RESORCIN is steady for quantities at 3s. 9d. per lb.; business is moderate.

ness is moderate

ness is moderate.

Salicylic acid (B.P.) is dull and weak at from 1s. 3d. to

1s. 3½d. per lb., as to quantity. Technical is 1s. per lb.

Salot shows no change; market quiet. Crystals, 2s. 3½d.

to 2s. 3¾d. per lb., and 1½d, per lb. more for powder.

Sodium benzoate (B.P.) remains quiet with prices steady

from 1s. 7½d. to 1s. 8d. per lb.

Sodium diethylbarbiturate is dull and easy at about 8s.

SODIUM SALICYLATE (B.P.) continues quiet, and prices quoted vary to some extent with some cheap sellers; crystals, about 1s. 8d., powder, from 1s. 7½d, per lb., for large quantities.

SULPHONAL is steady at from 6s. 6d. to 6s. 9d. per lb. TARTARIC ACID (B.P. crystals).—Demand continues very slow and is weak as quoted from 1s. 2½d. to 1s. 3d. per lb., slow and is weak as quoted from 1s. 2½d, to 1s. 3d, per lb., less 5 per cent. for foreign in large quantities. Business is reported as being unusually quiet.

Terrin hydrate is nominal at about 1s. 6d. to 1s. 7d. per lb. Thymot shows no change, with offers general at 10s. 3d. to 10s. 6d. per lb.; business is of little account.

Vanillin (100 per cent. from cloves).—The quoted rate of 16s. 9d. to 17s. per lb. is being cut for business of any size; a fair demand is reported.

Among the chemicals which have paid Key Industry duty.

Among the chemicals which have paid Key Industry duty during tho period August 29 to September 3 are the following:—Acetic acid, glacial, £792; ammonium phosphate, £113; formic acid, £314; argyrol, £700; atropine sulphate, £152; butyl alcohol, £475; butyric acid, £194; isopropyl alcohol, £229; lacquer, £146; lithium hydroxide, £107; papaverine, £119; phenolphthalein, £482; sodium benzoate, £122; vanillin, £283; undescribed chemicals, £1 923 £1,923.

Industrial Chemicals, etc.

London, September 14.

SLIGHTLY more inquiry for industrial chemicals is reported this week, while the general tone keeps quite steady. There this week, while the general tone keeps quite steady. There is little change to report, except that barium chloride and sodium nitrite are easier. Lead products are cheaper; arsenic is firmer.

ACETONE continues steady, and there has been a little more inquiry: B.G.S., £58 to £61 per ton, in drums, ex

ACETIC ACID is steady, and has been more active: 80 per cent. technical and 80 per cent. pure, £37 per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £66, in glass demijohns; glacial, in barrels, £56 per ton, ex store.

AMMONIA (ANHYDROUS) is moving in small quantities, with dealers quoting 99.95 per cent., in loaned cylinders, at 10d. to 1s. per lb., carriage paid; slightly cheaper prices for contracts.

Ammonium chloride has been in good inquiry at about £22 per ton, for grey galvanising, in casks, ex store; cheaper prices for contracts.

ARSENIC.—The tendency is still in sellers' favour, while very little Cornish appears to be available for sale for prompt delivery, and the current quotation is now £18 per ton, f.o.r. mines, while Mexican high-grade has been raised to £18 5s., c.i.f. Liverpool, There seems to be a fair demand, although business has been restricted.

BARIUM CHLORIDE (98/100 per cent. prime white crystals) show further weakness, with spot parcels offering at about £8 per ton, in casks, ex store; cheaper prices for quantities

to come forward.

COPPER SULPHATE is steady to firm, with a moderate export demand. F.o.b. terms vary from about £24 15s, to £25 10s, per ton, in casks, less 5 per cent.

CREAM OF TARTAR remains very quiet, with prices maintained in the region of 95s. to 96s, per cwt., less 22 per cent, for foreign, and slightly less for large quantities. FORMALDEHYDE is quoted at £39 per ten for 40 per cent.

volume in casks.

FORMIC ACID is bright, and the price for 85 per cent., in carboys is well maintained at about £45 15s. per ton, ex store. GLAUBER'S SALT continues to meet with some inquiry: spet parcels of commercial quality in single bags, £3 12s. 6d.

per ton, ex store; cheaper for quantities to come forward.

LEAD PRODUCTS.—Owing to the severe collapse in the price of foreign pig-lead down to £21 per ton, which is the lowest record seen since the year 1922, the outlet for lead compounds has been kept in narrow compass, with consumers only buying hand to mouth. English red lead and litharge

was lately reduced to £35 5s, per ton in five-ton lots for the home trade, and white lead in oil for export was quoted £38 f.o.b. Imported red lead is £29 10s, per ton, c.i.f.; imported dry white lead, £27 15s.; ground in oil, £29 5s.,

Oxalic acid continues steady, with a moderate business moving: quoted from £29 15s, to £30 per ton, ex wharf.

Potash caustic is unchanged at Convention prices: 88 to

92 per cent. solid. £30 10s, per ton. in drums, ex store; 15 tons or more, £28 15s., c.i.f. U.K. ports.

POTASSIUM CARBONATE has been slow, but prices are steady:

90 to 92 per cent., £25; 96 to 98 per cent., £27 per ton, in

casks, ex store; cheaper for contracts

POTASSIUM CHLORATE is still quiet: offers on spot are about 3d per lb., and about 2 d. for quantities to come forward. POTASSIUM PERMANGANATE.—Commercial quality is steady at 54d. per lb., in two-cwt. drums, ex store.

Potassium prussiate has met with more inquiry at 6½d, per

lb., in casks, ex store.

SAL AMMONIAC has met with a steady demand, with dealers' prices unchanged: dog-tooth crystals, £29; medium, £28; fine white crystals, £19 per ton, in casks, ex store; cheaper

SODIUM ACETATE is steady, with business moving well: spot,

£18 5s, per ton, in casks, ex store.

SODIUM CHLORATE continues slow: spot parcels are about 3d. per lb.; large quantities to come forward at 2³/₄d. per ex wharf.

Sodium hyposulphite.—Dealers' prices continue steady, SODIUM HYPOSULPHITE.—Dealers' prices continue steady, with business fair: pea crystals, £15 2s. 6d. to £15 5s. per ton, in one-cwt, kegs; commercial quality, £9 10s., in casks, ex store; British makers' price for pea crystals to home consumers on contract, £15 5s. per ton, carriage paid.

SODIUM NITRATE remains dull in London, and is easy as quoted: 95 per cent, about £12; 96 per cent, refined, £12.7s. 6d. per ton, for docks. London

£12 7s. 6d. per ton, f.o.r. docks, London.

SODIUM NITRITE is easier on a quiet market: 100 per cent. basis, £19 10s. per ton, and 20s. 6d. per cwt., docks, London.

SODIUM NTERIE is easier on a quiet market: 100 per cent. basis, £19 10s. per ton, and 20s. 6d. per cvrt., docks, London, SODIUM PRUSIATE is steady and in more inquiry dealers quote at 4\footnote{\psi}d. per lb., in casks.

SODIUM SULPHIDE is dull: 60 to 62 per cent. solid, £11 2s. 6d.; broken, £12 2s. 6d. per ton, in drums, ex wharf. SULPHUR.—There is a fair demand for crude, which is quoted £6 5s. to £6s. 7d. 6d. for 99 per cent., and refined is £13 7s. 6d. for flowers and £10 15s. for refined, all c.i.f. Coal tar products, etc.—There is little change to report. Business has been on moderate lines, but limited to a few items. Pitch has been quieter, and is not so steady. Aniline Oil continues steady at 8d. per lb., packages extra, carriage paid. Aniline salt is unchanged at 8d. per lb., packages extra, carriage paid. Betanaphthol shows no change, with business moving well: quoted at 1s. 0\footdote{\psi}d. per lb., carriage paid. Toluol remains dull and unsteady: commercial 90's, 1s. 6d.: pure, about 1s. 10d. per gallon, at works. Xylol is dull and irregular: pure, about 2s. 4d.; commercial, about 1s. 10d. per gallon, at works. Carbolic acid crystals continue steady. with fair business moving. To-day's price is 8\foota{\foota}d. per lb., c.i.f. Japanese port, and makers have made sales at this figure. Crude 60's is 2s. 6d. to 2s. 7d. per gallon. Cresylle acid is very steady, and quite good business is being done: ex works, 7\footad. to 2s. 8d. per gallon is quoted. Creosote oil is very steady, and quite good business is being done: ex works, 7\footad. footad. Sid. per gallon, in bulk quantities. Naphthalene is quiet: imported flakes and balls, £15 10s. per ton, in cases, ex wharf; British, £14 7s. 6d. per ton. Pure METHYL Alcohol is moving in fair quantities, with dealers quoting for small lots at £46 per ton, in drums, ex wharf. Pyridine ALCOHOL is moving in fair quantities, with dealers quoting for small lots at £46 per ton, in drums, ex wharf. Pyrddine is nominal on an idle market at from 6s. to 7s. per gallon, f.o.b. Pitch has been quieter, and is easier at the unchanged rate of 93s. 6d. per ton, f.o.b. East Coast.

Fixed Oils, etc.

Bright markets with a number of further advances in prices are recorded this week. Palm oils show a sharp advance, and the market is active. Castor oil is also firm at higher prices. Turpentine is lower but fairly steady. ACID OILS continue steady and fairly bright: coconut and/or palm kernel. 32s. 3d.: groundnut, 32s.: soya. 28s. 6d. spot. Castor.—English is firm at higher rates: pharmaceutical. 53s. 6d.: first pressings, 48s. 6d.; second pressings, 46s. 6d. per cwt. net, barrels included, ex works. Coconut continues firm at full rates: deodorised, spot, 46s, 6d.: Ceylon, 40s., c.i.f.: Cochin, 50s., c.i.f. Corton.—Prices for some grades have advanced. with the market firm: deodorised, 46s. 6d.: common edible, 44s. 6d.; soapmaking. 42s.: crude, 37s. 6d., spot. Groundnut is rather dull: deodorised, spot, 50s.; crude Oriental, 46s., c.i.f. Palm Kernel is firm: deodorised, 45s.; crude 40s. 6d. spot. Palm shows a further good advance, with the market spot. Palm shows a further good advance, with the market firm and business bright: Lagos, 35s.; softs, 34s. 3d.;

niediums, 34s.; hards, 34s. 3d.; bleached, 36s. 6d. spot. Rape is firm at full rates, with the market active: refined, 46s. 3d.; crude, 44s. spot. Soya is steady: deodorised, spot, 41s. 6d.; crude, 37s. 6d. spot. Linseed (raw, naked) has been quiet, and is slightly easier: on spot, 32s.; September, 30s. 10½d.; October-December, 31s. 6d.; January-April, 32s. 1½d. Boiled oil, spot, about 35s. Hull, on spot, 32s.; September, 32s.; October-December, 32s.; January-April, 32s. 4½d. Turpentine.—There was some further weakness in the latter part of last week, with the spot price dropping to about 39s., and closing at 39s. 3d.; October-December, 39s. 9d.; January-April, 41s. 9d. Deliveries for last week were only 1,665 barrels, making a total since January 1 of 80,454 barrels, which compares with 80,264 barrels for the same period last year. Total stocks were 43,854 barrels, against 17,896 barrels the same date last year. Including the landings, the London visible supply made up at 48,037 barrels, which compares with 24,276 barrels and 56,423 barrels respectively for the same dates in the two previous years. RESIN.—There has been a better demand, which was attracted at last week's decline, and c.i.f. prices for American are now as follow:—B to M 21s., W.G. 24s., and W.W. 26s. per cwt. Terms ex-wharf command about 9d. per cwt. premium. Wood.—Hankow in barrels on spot is easy at about 33s., and afloat 82s. 6d. per cwt.

is easy at about 83s., and affoat 82s. 6d. per cwt.

LUBRICATING, MINERAL, AND BURNING OILS, ETC.—Quiet conditions prevail, but the general tone is fairly steady, and there is little change to record. Benzol continues steady: there is little change to record. BENZOL continues steady; crude 65's, 11d.; standard motor, 1s. 2d.; pure, about 1s. 8½d. to 1s. 9d. per gallon. ex works, in tank wagons. Fuel oil is dull and easier: 950 gravity, £4; 890 gravity, £4 10s. per ton, ex tank. Paraffin wax and scale continue steady but quiet: wax, from 2½d. to 4ā, per lb., according to melting point, in bags; scale is quoted for shipment from £16 to £16 10s. per ton, c.i.f. U.K. port. Paraffin Oils continue unchanged: American standard white, 1s.; water white, 1s. 1d. per gallon bayrels free: Roumarian. OILS continue unchanged: American standard white, Is.; water white, Is. 1d. per gallon, barrels free; Roumanian white kerosene, 6½d. to 7d., ex tank, 7½d. buyer's barrels filled free, and IId. per gallon, barrels free, ex wharf; American water white kerosene, 7¼d. to 7½d., 8d. and 11½d. per gallon respectively. WHITE OILS are unchanged and quiet: Special No. 1, £24 2s. 6d.; No. 1, £23 5s.; No. 3 half-white, £20 10s.; No. 4 half-white, £16 5s, per ton, drums and barrels free, ex wharf, London. Solvent naphthas continue steady, with some business moving: 90 to 160, 11½d. to Is.; heavy, 90 to 190, 11½d. to Is. per gallon, naked at works. Petroleum iellies are unchanged; business is quiet: white to snow white, £38 to £55; amber and yellow, £17 15s. to £22 10s.; dark stiff green, about £12 per ton, barrels free, ex wharf, London. Lubericating oils are unchanged: some grades are firm in the shipment market, notably filtered cylinder. Spot, pales, £10 to £22 10s.; reds, £11 15s. to £22 15s. dark stiff green. changed: some grades are firm in the supment market, notably filtered cylinder. Spot, pales, £10 to £22 10s.; reds, £11 15s, to £22 15s.; dark cylinders, £12 to £29; filtered cylinders, £19 to £34 per ton. less 2½ per cent., ex wharf, London; lower prices for tank wagon lots.

German Glycerin Production

The production of glycerin in Germany is estimated at between 6,000 and 7,000 tons annually or approximately two-thirds that of the pre-war output. The reason is that consumption of soap has declined in Germany. The largest producer is the Vereinigte chemische Werke A.G., Berlin-Charlottenburg. The I. G. proposes to enter the German market shortly with increased production of ethylene glycol that may effect glycerin production. It is possible that improvements will be made on a war-time process to get glycerin from sugar, and that this process may become commercial in the near future. There are indications (says the United States trade commission at Berlin) that European glycerin producers are furthering negotiations to form an international convention.

English Hop Crop

According to the report of one of the leading hop dealers this year has been most anxious, expensive and trying to all growers. The continuous and heavy rains stopped all cultigrowers. The continuous and heavy rams stopped all cultivation, and delayed the washing and sulphuring. Large quantities of sulphur and powder have been almost wasted owing to the rains. The attack of aphis blight started towards the end of May and lasted many weeks. The absence of sunshine, combined with low night temperature, retarded development. Towards the end of August hops in most districts showed signs of discolouration and premature most districts showed signs of discolouration and premature ripening, causing many growers to begin picking earlier than anticipated. After a most careful inspection of all the hop-growing districts throughout the country, the opinion is expressed that, given the right weather from now, this year's crop cannot equal two-thirds of last year. This means a really short crop, so that the unsold balance of the 1926 crop should be quickly absorbed.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Insurance Payments for 1927

SIR,-The letter of "Lancashire" (C. & D., September 10, p. 348) is one of the best which I have read yet on the vexed question of Insurance Payments for 1927, and it is obvious that the views of a man who can run eight shops successfully are not to be dismissed lightly. Neither can he be accused of prejudice or apathy, seeing that he and his employees are members of the Society, and that he is also a supporter of the R.P.U. and its allied bodies. But there are one or two points in his remarks which I should like to discuss. In his question No. 3 he asks if there is any means by which payment withheld can be recovered. I think not; the work is done under contract, and if at the end of the contract the money is not sufficient to pay for the work done then the contractor has made a bad contract, and has to lose the money, and I do not think that it would be any good taking legal advice or instituting any proceedings over the matter, since it would merely be throwing good money after bad. The difference between an ordinary sane contractor and the panel chemists is that the latter have been foolish enough to take on a contract in which the amount of work to be done and goods to be supplied is indefinite, unknown, and constantly increasing, whilst the amount available for payment is fixed and there is no appeal from it. No other body of business men in the world would consider such terms for one moment. Then "Lancashire" says that he understands that the permanent officials were astounded at their easy victory, and also asks what is the feeling of the general body of chemists over the matter. Well, my opinion, judging by the views I heard expressed at the meetings held before the terms were accepted, and also by the very pointed remarks I have heard on the situation since, is that the general feeling was that a firm stand should have been made, and that both the alternatives should have been rejected, and to have left it to the Government to have made the next step. I also should like to know if this was the feeling all over the country as well as in the districts in which I was able to attend the meetings, because if it were so and the permanent officials were really surprised at their success, then the question is why, and it is a very big why, did the R.P.U. delegates execute such an amazing volte face? Shall we ever know the real history of the acceptance of the terms? The explanation about dispensing doctors and large drug stores is to my mind too feeble to be considered, we have been threatened with this so often and for so long, and a similar menace was held over the Scottish chemists, and nothing has come of it or the Scottish chemists, and nothing has come of to or ever will. What it really requires is the unanimous determination of the chemists not to go on with the thing until it has been entirely reviewed and restarted on a proper commercial basis, and if we would only hold together it would be done.—Yours faithfully, UNANIMITY (12/9).

SIR,—Your correspondent "Lancashire" need not wait till the end of 1927 to learn the feelings with which the general body of chemists regard the new N.H.I. contract. A perusal of your recent correspondence columns discovers an almost unanimous chorus of disapproval and dismay. The solitary exception, the letter of Mr. Gill (C. & D., August 13) merely reiterates the views of the R.P.U., from whose communications his inspiration obviously arises. The immediate consequence of this contract is that for every 1,000 prescriptions a chemist dispenses in 1927 he must disburse £5 between now and the end of the year. I say disburse advisedly for, though we shall never handle the money, we shall pay it just as surely as though we wrote a cheque for the amount. The future must be a

matter for conjecture, but I have yet to meet the man who really believes that the R.P.U. will succeed where the Ministry of Health has failed. And let us remember that any success that is achieved in the direction of higher fees can only be at the expense of our volume. Our unselfish and broad-minded policy—grateful acceptance of the Ministry's valuation of our services-has brought us, after fifteen years, to the humiliating position of receiving less for dispensing a mixture than for selling a fifteenpenny box of proprietary pills. We are advised that if we refuse these terms we shall lose the dispensing. The only practical alternative to dispensing by chemists is dispensing by doctors, and even the doctors themselves would hardly claim equal proficiency in the art with those whose education, training and experience fit them and them alone for the work. We shall have to make a stand sooner or later, and the longer we put it off the more slender becomes our chance of obtaining for the first time payment which bears a just relation to the services rendered. Let us break this unconscionable contract now before we, collectively, lose thousands of pounds. Let us offer to do the work for a 6d. dispensing fee plus 2d. establishment charge, and steadily refuse anything less. If the most exacting and responsible part of our business is not worth this modest fee it is worth nothing—to us at any rate. And its absence will free us to develop more profitable business .- Yours faithfully,

R. Armstrong.

SIR,—It amuses me to read your correspondents' letters on N.H.I. terms for dispensing, since I cannot imagine the Government rates us lower than we rate ourselves. To-day a lady, who spends her life following the sunshine, handed me a private prescription written by an eye specialist—Pot. iodi. gr. x; aq. ad. 3j., mitte 3jj.—which had been dispensed by many men who are a loud noise in pharmacy circles. I priced the recipe one shilling. My customer told me it had been made up first in Edinburgh, where she had paid a shilling; in the next town she asked for a double quantity, for which, to her astonishment, she had been charged sixpence. Since then it had been made up by at least a dozen chemists who each charged sixpence for the double quantity. After that tale, can anyone wonder that the Government and public look with contempt on chemists?

Yours, etc., M. J. McArthur (10/9).

Poison Bottles

Sir.—Is it not surprising we are still employing for liniments and lotions the old-fashioned blue hexagon bottles; surely they should be now obsolete, like their near "relatives" the long-necked castor oil ones? Apart from their frequent inaccuracy, dispensers are constantly complaining of the difficulty in detecting flaws or fractures, and who of us has not suffered the inconvenience and annoyance of a hand-bath of tinct. iodi through leakage. Quite recently I witnessed a dispenser "pulling" one to pieces, and he was fortunate in escaping a severe laceration; the second container proved to be a "leaker," and before the preparation was dispensed a third bottle had to be requisitioned. Our bottle manufacturers would do well to replace them with, say, bottles of amber or green glass, transparent and correct in capacity. The now popular tinct, iodi is dispensed in France in squat, wide-mouthed amber phials which admit of the insertion of a camel-hair brush, and are very convenient; they are stamped "Teinture d'iode," and should the paper label become detached or discoloured the contents are still easily recognisable. Our new style of white glass "mixture" bottles are all that could be desired in shape and finish, but this cannot be said of our "poison" blues, hexagons or flats.

Yours faithfully, H. CORBETT MEYRICK.

Assistantship in South Africa

SIR,—I observe in your issue of July 23, p. 135, just to hand, a warning from "Pharmacist" to those contemplating taking employment in South Africa. I wish to endorse this with all the emphasis at my command. To go into the whole matter fully would take too long

and involve the review of many social, economic, and political considerations. The British-born assistant must once and for all understand that we have here our locally qualified men, not in abundance, but in superabundance, and where the Britisher is required, it is not in any belief that he is better than these, but in the hope that he may be cheaper. As the result of twenty-eight years' experience of all parts of South Africa, may I beg of all assistants who are tempted to come here to pay no regard whatever to any promises or representations of conditions here unless they have the means of checking and verifying them to the last particular. As "Pharmacist" well says, an inquiry addressed to the secretary of any of our local pharmaceutical societies is a wise precaution, but in general, Britishers would do well to keep away from a country where they are openly shown they are not liked, and not wanted unless they are prepared to work at less than current local rates.

Yours, etc.,

OLD HAND (19/8).

Surface Anæsthesia

Sir.—With reference to the formulas for "Fishing Vessels' Medicines (C. & D., August 27, p. 275), if the oily eye drops are used the eye will not "then be ready," as stated in (5). The directions are applicable to an aqueous solution of 0.5 per cent. cocaine hydrochloride, as such solutions produce local anæsthesia when applied to a mucous surface. If there is any objection to a purely aqueous solution of cocaine, then 0.5 to 1 per cent. cocaine in a 2.5 per cent. carbolic solution would produce surface anæsthesia. If, however, this solution is objected to as not sufficiently denatured to prevent its use as a dope, is there not a cocaine substitute that could be used in aqueous solution for surface anæsthesia? Would a solution of ethocaine borate do?

Yours truly, SMACK (4/9).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

S. & S. (8/8).—Waterproofing compound for cement work.—This is a white powder, clay-like in character, possessing no setting power on wetting, containing as its chief elements silica (40 per cent.), iron and alumina (10 per cent.), calcium oxide (35 per cent.), magnesia (10 per cent.), with about 2 per cent of a pale viscous yellow oil, which has a refractive index and some other properties suggestive of China wood oil, but it was not definitely identified. The oil and earth do not appear to be in any special form of union.

S. & Co. (19/8).—Exterminating Bugs.—Corrosive sublimate is frequently used in bug-exterminating preparations, a typical formula being:—

Corrosive sublimate 4 oz. 4 oz. Sal ammoniae ½ gall. Water Dissolve and add Glycerin 4 oz. Wood naphtha ... ½ gall. ... Mix.

This preparation (sold duly labelled) should be brushed over the parts where the pest is, and about half a pint can be added to each bucketful of whitewash used on the ceilings and walls of the rooms. Another application is made by dissolving in a gallon of tobacco tincture (1 lb. of tobacco to 1 gallon of methylated spirit), 4 oz. of boric acid, 4 oz. of carbolic acid, and 8 oz. of salicylic acid, with a few drachms of eucalyptus oil. Sulphurous acid is a remedy sometimes employed; it is put in the chinks in the wood.

 $F.\ H.\ W.\ (30/8)$.—Glycerin, Lemon and Honey Mixture.—

Succ. limonis, Glycerini,

Mel. depur. ... aa. p. aeq.

Syrupus limonis is sometimes used in place of the succus.

P. R. (30/8).—We are unable to trace a "plaster" under the number you mention. A "salve" bearing the reference was published in the C. & D. Diary, 1923.

H. R. B. (30/8).—Giddiness.—Constipation and sluggish liver are frequent causes of vertigo, or giddiness, and in such cases a brisk purgative will relieve it. Nervous weakness is also a frequent cause, and in these cases nerve tonics will be found the best remedies. Iron, quinine and strychnine combined will also be useful. The valerianates of zinc, iron, quinine and hydrobromic acid are also good remedies. In severe cases nerve sedatives may be given, and for this purpose tinct. gelsem. and bromides are to be recommended.

C. & S. (31/8).—Prescription Charge.—The price which should be charged for the prescription is, according to the C. & D. Costing System, 3s. 3d.

W. & Co. (31/8).—Prawns as bait.—The prawns are boiled on the trawler immediately they are caught, and subsequently preserved by the fishing-tackle maker in a solution of similar composition to the formula to which you refer. They are used as bait in salmon fishing.

Legal Queries

A. P. W. (12/9) asks whether apprentices who receive only a nominal wage are exempt from liability to be insured under the National Insurance scheme. [Apprentices are liable to be insured under both the Health and the Unemployment schemes unless they do not receive any money payment at all. An apprentice who is "ordinarily and mainly dependent" upon his father or some other person can apply for a ccrtificate of exemption; but even if exemption is granted his employer will remain liable to pay his (the employer's) share of the weekly contributions.]

R. C. (14/9).—When you sold your business early this year, advantage by way of relief or adjustment to your income tax liability should have been sought under Section 29 of the Finance Act, 1926, whereby the actual profits from April 6 in the year of assessment down to the date of discontinuance of business are set off against the assessable profit. The meaning of this is that if the assessable profit (which now is that of the preceding year) upon which tax had been paid was greater than the actual profit to the date of discontinuance of business the excess shall be repaid. Conversely, of course, an additional assessment would be made on you if the reverse applied. Having started a new business, you ask if you will be assessed on the old basis, and the answer to this is in the negative, if you take advantage of the section quoted. In any case you have a right to have your income (profit) adjusted eventually to the actual figure, if you make a return of the whole of your income for 1927-28 on the form provided for the purpose. Your best course is to seek an interview with the Inspector of Taxes and lay the case before him.

Retrospect of Fifty Years Ago

"The Chemist and Druggist," September 15, 1877.

To the Student of Pharmacy

The pharmacist of the present day may take (none hindering) any position to which his skill, his personal intelligence, or his education may be the passport. He is under the ban of no social degradation, and he may consort on equal terms with whatsoever society he may be thrown in contact. Neither is he debarred from intellectual pursuits, the which he will cultivate the more successfully as indomitable perseverance and downright devotion to his business begin to make him independent. Should he, when successful in his trade, think that the main object in his existence is the sale of an ounce of salts, that is his fault, and the blame must not be thrown on pharmacy. We venture even upon the opinion that the career of the pure pharmacist may contrast not unfavourably with that of his professional comrade, whom sometimes in his heart he has been disposed to envy.



[Commenced C. & D., July 5, 1924]

Long Firm Fraud.—The description "long firm fraud" is applied to a method of obtaining goods by false pretences that is commonly practised at the expense of manufacturers and wholesale firms. The usual modus operandi of the "long firm" criminal is to secure a room or two at an address such as a firm of good standing would be likely to occupy; to have prepossessing stationery printed; and to write to firms in distant parts of the country for goods. Either the "long firm" trader pays for the first deliveries, or he provides "satisfactory" bogus references, with the result, in either case, that the wholesalers are induced to supply on credit goods which the criminal sells but never pays for. There are many variations of this form of deception, but the basis of the offence, in every case, is as described above. The maximum penalty for this crime in the absence of special aggravation is five years' penal servitude or imprisonment for two years with or without hard labour.

Lord's Day.—See Sunday.

Lot Money is a charge paid by both buyer and seller for goods offered at the public drug auction. This is charged to cover the expenses incurred by the selling-broker for printing catalogues, advertising the sale, etc. It is not, however, payable after the "prompt" date.

Lotteries.—By virtue of various statutes it has been made an offence to organise or be concerned in any lottery or competition under the terms or conditions of which prizes are awarded to persons whose right to them is determined by chance. Guessing competitions and similar schemes arranged by traders and shopkeepers by way of advertisement and to attract custom are illegal, unless it is possible for those who take part in the competition to win the prizes by the exercise of skill.

Lozenges containing Poisons, Labelling.—Under the Dangerous Drugs Acts and Regulations, all lozenges containing morphine, cocaine, heroin, ecgonine or opium within the limits laid down by the Acts must have on the label the amount in each and the number of lozenges in the container. Their sale is subject to medical prescribing only. By the Labelling of Poisons Order the same principle applies to all lozenges containing an official poison save for the restriction as to selling.

Lunacy: Board of Control.—Under the provisions of the Mental Deficiency Act, 1913, the Commissioners in Lunacy, to whom and their predecessors the administration of the Lunacy Acts had been entrusted for seventy years, gave place to a Board of Control. The Board consists of not more than fifteen Commissioners, of whom not more than twelve are paid, four are practising barristers or solicitors of at least five years' standing, not less than four are medical practitioners of similar standing, and at least two (one paid and one unpaid) must be women. All the powers and duties laid down in the Lunacy Acts, 1890-1911, are vested in the Board, including the general superintendence of matters relating to the supervision, protection and control of all mentally defective persons, the certification and inspection of approved establishments, and the administration of parliamentary grants. The paid members of the Board hold office during the King's pleasure, and the unpaid for specified periods. The General Board of Control for Scotland, which was set up by the Mental Deficiency and Lunacy (Scotland) Act, 1913, has similar powers and duties. A Royal Commission on the subject of lunacy administration sat in 1924, and issued various

recommendations with a view of ameliorating the lot of mentally defective persons who need institutional treatment.

Lunatics, Supply of Goods to.—As a general rule, contracts entered into by lunatics are voidable and cannot be enforced against them. A lunatic may, however, be bound by a contract made during a lucid interval or made with a person who was not aware of the lunatic's state of mind. Section 2 of the Sale of Goods Act, 1893, provides that an insane person must pay a reasonable price for necessaries sold and delivered to him. This is the case even if the seller of the goods knows that the buyer is mentally deficient; but the goods of which the price can be recovered must be such as are necessary, having regard to the lunatic's social condition and needs at the time of the purchase.

Lutes and Luting.—Lutes are compounds for filling between the joints in vessels to prevent the escape of vapours during evaporation or chemical reaction. Linseed meal made into a paste with water or lime-water is a time-honoured practice in pharmacy. In engineering a mixture of equal parts of white lead and red lead with boiled linseed oil applied on tow or other fibrous material is favoured. Glazier's putty consists of chalk and linseed oil. There are many other lutes for special purposes. Thus sealing wax, paraffin wax, and linseed paste are used as bottle lutes. Common pitch (2 parts) and gutta-percha (1 part) melted together with constant stirring makes a tenacious waterproof cement for joints between metal, stone and wood if applied warm. Sorel's (zinc oxychloride) cement is made by dissolving borax (3 per cent.) in zinc-chloride solution (sp. gr. 1.5 to 1.6), with the addition of freshly ignited zinc oxide to produce the desired consistency. Stone bridge clay mixed into a paste with water is used for luting crucibles, etc., exposed to high temperatures, and there are many proprietary cements containing siliceous ingredients adapted for specific uses. Iron cement consists of ammonium chloride (3 to 5 parts), sulphur sublimed (3 to 20 parts), and iron filings (100 parts). For use it is mixed with water and applied quickly. Litharge made into a stiff paste with glycerin is often used as a laboratory cement, possessing, as it does, the obvious advantage of being impervious to gases and water.

Lycopodium consists of the spores of the common clubmoss, Lycopodium clavatum, Linn. (N.O., Lycopodiacea). Although the plant occurs in this country in Alpine districts it is not sufficiently abundant for collecting the spores. Formerly lycopodium came from Russia, but now chiefly from Poland and Lithuania. The districts in which lycopodium abounds occupy the wooded areas on the north-east of Poland. A line connecting the towns of Rowno, Kowel, Siedlee. Lomza, Augustow, Grodno, Wilno, Braslow, Disna, Stolpee and Luminiec forms a polygon bounding the lycopodium-yielding region. In July and August many agents go the round of the villages, purchase fresh spikes of lycopodium, gathered by the villagers, and bulk the material in small towns, where the drying is done, usually without artificial heat, taking from seven to fourteen days. The powder is then shaken out and passed through ordinary flour sieves. This crude powder still retains from 5 to 10 per cent. of extraneous matter, consisting of leaves, scaly fragments, and sand, and a microscopical examination usually reveals the presence of grains of wheat or rye starch, derived from the sieves or bags formerly used for flour. The trade of lycopodium is largely in the hands of Jews. The difficulty in making it pay is that the present collectors often mix the spikes with peduncles in collecting it. The result of this is that when dried and sifted it is found to yield only 4 or 5 per cent. of spores instead of 10 to 14 per cent. The yellow, fully mature spikes yield 17 to 25 per cent. of lycopodium; unripe spikes, of course, yield less. The present yield of lycopodium in Poland varies from 10,000 to 16,000 kilos. per annum. Before lycopodium cnters retail commerce it is usually sifted three times. It is often largely adulterated, but the adulterations are easily detected by microscopic examination. The spores contain half their weight of fixed oil, consisting chiefly of lycopodium-oleic acid. Traces of alkaloid are also found in the drug. Pure lycopodium

The C.&D. Commercial Compendium

should not yield more than $1\frac{1}{2}$ per cent. of ash. Although lycopodium is official in nearly all the Pharmacopæias except that of Great Britain, it is chiefly used for technical purposes. It is used by homeopaths in the form of a trituration or powder, but it has been found that it takes at least two hours to break the cuticle of the spores and set free the contents.

Lymph.—See Vaccine.

Lysol Poisonings.—Deaths from taking lysol were first mentioned by the Registrar-General for England and Wales in his annual report for 1909, in which year one accidental and one suicidal death by lysol was recorded. The only subsequent years in which there was a blank on either side of the record were 1911 and 1916, when no accidental lysol death was observed; from 1918, with four accidental and seven suicidal poisonings, there has been a rapid growth in the numbers, until in 1925 (the latest year for which statistics are available) they reached eight and 153 respectively. The latter figure is practically one-third of the total number of suicides by poison for that year. Further comparative details are given in the U. & D., March 5, p. 289. A similar increase in poisoning by means of lysol has taken place in Scotland. No record is found until 1914, when the accidental and suicidal deaths were two and one respectively.

M

Mace is part of the fruit of the nutmeg. The outer part of the fruit, resembling a peach in size, is fleshy, like an almond, and splits open when ripe, exposing to view a bright scarlet arillus surrounding a single seed. When taken out and dried it loses its fine red colour and becomes a dull orange-brown, and then forms the mace of commerce. Occasionally the fruits, showing the scarlet arillus, pickled in strong brine so as to preserve the scarlet colour of the mace, are sent to exhibitions. Genuine or Banda mace is obtained from the nutmegs of Myristica fragrans, Houtt. (N.O. Myristicaecæ), a tree indigenous to the Molucca Islands, and cultivated in the West Indies (principally Grenada), Ceylon, and various tropical colonies. Mace is about $1\frac{1}{2}$ in. or $1\frac{3}{4}$ in. long by one in. broad, and usually flattened. The taste is somewhat like nutmeg, but distinctly different. Two other kinds of mace come into commerce occasionally; one of these, known as Bombay mace, Myristica Malabar ica., Linu., is longer and of a deep reddish-brown colour, about $2\frac{1}{4}$ in. long and one inch broad. It has a sweetish taste, very faint flavour, and scarcely any pungency. When broken the surface shows a transparent membrane and on the inner edge of it dark-reddish oil cells. A second kind, known as Macassar mace, derived from Myristica argentea, Warb., occurs in pieces of a brownish colour, often with a whitish powdery surface. The segments have very broad, rounded axils. The flavour resembles that of true nutmeg with a sassafras tendency, and has a distinctly acrid taste, by which it can easily be recognised. It is said to be sometimes used for the flavouring of sausages. Bombay mace has been used as an adulterant of Banda mace. It may be recognised by its narrow axils of the branches and dark-reddish oil cells. Mace contains about 4 to 15 per cent. of volatile oil. The demand for mace has gradually decreased. See also Nutmeg.

Mace, Oil.—The seed of Myristica tragrans is the nutmeg. When it ripens the fruit splits, showing the seed, the nutmeg, surrounded by a bright crimson reticulated arillus. This, when stripped off and dried, is the mace of commerce. The tree grows luxuriously in the Malayan region, and although many types of "wild" nutmegs are known, M. tragrans is the only tree producing seeds sufficiently fragrant to be worth cultivation. The tree is indigenous to the Moluccas, more particularly

to the Banda and Sunda islands. Mace occurs in dull, pale reddish flattened lobes, which, on soaking in water, assume the shape of the nutmegs they originally enclosed. The mace yields from 5 to 12 per cent of essential oil, which is practically identical with that of nutmegs. It is a mobile liquid of specific gravity, 0.868 to 0.922, optical rotation $+11^\circ$ to $+28^\circ$, and refractive index 1.4780 to 1.4896. It consists of a mixture of terpenes (pinene and dipentene), terpineol, torneol and geraniol, and a fragrant crystalline body, myristicin, of the formula $C_{1}, H_{12}O$.

the imports and exports of Madagascar are somewhat belated, the latest available figures of imports being for 1925. These show that during this year the imports of chemical products were 4,974,869 kg., against 1,522,307 kg. in 1924, while of medicinal products the imports in 1925 were 119,801 kg., against 55,438 kg. in 1924. The chemical products imported (kilos) during 1925 included bromides, 784; iodides and iodoform, 1,214; sulphuric acid, 32,051; lead oxide, 37,215; citric acid. 207; tartaric acid, 590; ammonia alkali, 9,925; potash carb., 3,052; soda caustic, 4,899; soda arsenate, 20,146; bicarbonate of soda, 11,313; glycerin, 1,643; cocaine and salts, 1,651 gram; morphine and salts, 1,903 gram, etc. The French Customs tariff applies to goods imported into Madagascar Customs service, imports during 1926 were 130,000 metric tons, valued at fr. 574,590,000, an increase in tonnage of 11 per cent. and in franc value of 16 per cent. Exports, which decreased by 4 per cent. in tonnage, increased by 20 per cent. in value, totalling 221,000 metric tons, valued at fr. 535,857,000. The higher imports in 1926 were attributable chiefly to general progress in the industries in the island and to larger purchases of petroleum products, alcoholic beverages, etc. Among the produce exported are vanilla, cloves, beeswax and graphite. Of vanilla the exports in 1924 were 298,193 kg., against 411,780 kg. in 1925 and 619,309 kg. in 1926; of cloves the exports in 1924 were 561,403 kg., against 858,361 kg. in 1925 and 795,238 kg. in 1926; of beeswax the exports in 1925 and 675,999 kg. in 1926; of graphite the exports in 1924 were 11,556,064 kg., against 14,979,746 kg. in 1925 and 61,453,837 kg. in 1926; of graphite the exports in 1924 were 11,556,064 kg., against 14,979,746 kg. in 1925 and 11,453,837 kg. in 1926; of graphite the exports in 1924 and 128 quintals in 1925 (one quintal = two cwt.). France absorbs the bulk of all produce exported, but occasionally the clove shipments are directed to London.

Madder.—European madder is obtained from Rubia tinctorium, Linn. (N.O. Rubiacea). It was formerly cultivated largely in France, Holland, Turkey and other countries, the best-known qualities of the dye in European commerce being those of Holland, Alsace, the Levant and Italy. It grows wild in a large portion of Central Asia and South Russia, and is imported from Persia, the best Persian kind coming from Yezd. Until the introduction of the aniline dyes, madder was one of the most important and valued red dyes in commerce, but the artificial manufacture of the colouring principle of madder, alizarine, has replaced its use to a large extent, driving the roots from the western markets. In India it is still used, the supplies being derived chiefly from Persia and Afghanistan, whence it is sent to Bombay, the Afghanistan variety fetching the highest price. It is also imported from Nepaul. In India it is used to some extent in medicine, and according to Dr. G. Playfair it powerfully affects the nerve system if taken in quantity, but its medicinal properties do not appear to have been physiologically investigated. The native species of madder obtained from Rubia cordifolia, Linn., is the native madder of India, known as manjit, and is still used in remote localities. A third species, R. sikkimensis, Kurz., is the source of a brilliant red dye used for both cotton and hair in the Naga hills and Manipur, and is known as moyum or Naga madder. It is there used also as a brilliant hair dye.

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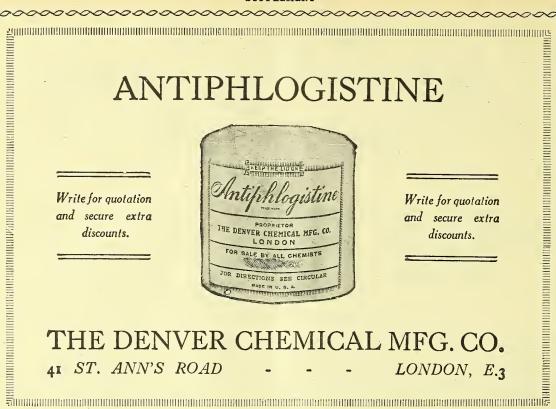
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OUR COMPREHENSIVE STOCK INCLUDES:-

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> MAY WE SEND YOU A PRICE LIST? (in which Scheduled Poisons and Dangerous Drugs are clearly indicated).

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A COMPLAINT Customers cannot get supplies locally. Every Post brings us direct enquiries for DR. GREY'S SILVER LIVER PILLS Retail Price 1/3 and 3/You ought to be supplying this demand. Stocks from all Wholesalers. Showcards free, on request. DR. GREY'S SILVER PILL CO., LTD. 30 Orchard Street, London, W.1. Phone: Mayfair 6789.

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Every Wholesaler of Repute Stocks OUR CHATELAINE

MENTHOL CONES AND

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They are unsurpassable in Value and "Get-up," and made to sell.

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ARE THE SOLE PROPRIETORS
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CLARK'S THINNING BATH SALTS

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Any persons or firms selling goods or colourable imitations thereof will be at once proceeded against.

THIS NOTICE IS FINAL

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Maintaining a Reputation

By recommending Mentholated Bronchial Lozenges, P., D. & Co., the chemist maintains his reputation for selling "quality" goods. He also satisfies his customer, and secures a good profit with a prospect of repeat orders. The tins are packed in one - dozen display outers which are well adapted for counter display. Show
M. R. P.

1s. Od.

per tin

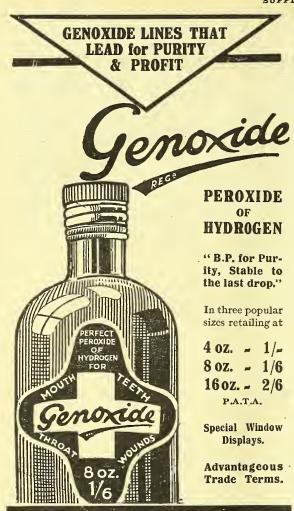
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M. W. P. 8s. 0d. per doz. net

Terms on Request

Pronchial NOTE THE ROUNDED CORNERS (P.D.& C?)

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GENOXIDE BATH POWDER

A genuine Oxygen Bath Powder. Subtly perfumed, fully effective and packed in attractive cartons, "Genoxide" Bath Powder sells at popu-

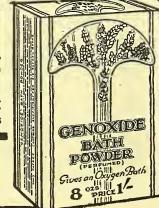
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RETAIL PRICES:

8 oz. - 1/-16 oz. - 1/9

Terms to Trade:
7/- per dozen 8 oz.
packets; 12/- per
doz. 16 oz. packets

GENOXIDE LTD. LUTON.



LIQUID PARAFFIN

Finest Qualities.

Non-freezing, tasteless and odourless. In all gravities.

WE ALSO INVITE YOUR ENQUIRIES FOR:—

Petroleum Jellies (White, Yellow and Red)

Castor Oil
Colza Oil
Cotton Oil
Linseed Oil

Rosin

(French and American)

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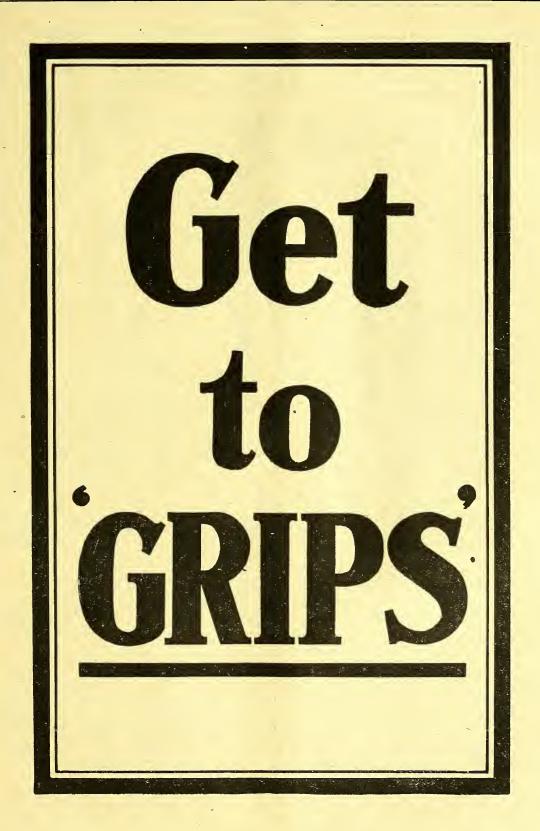
LUBRICATING OILS

OF ALL DESCRIPTIONS

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Arnoco House, Quayside
NEWCASTLE-on-TYNE





house in the trade with the very highest quality and finish and the other attributes of our service which have rendered our name famous throughout the world for our specialities.

combine as low prices as any



INTRODUCTORY OFFER

"ICYGLO" SUPER SKIN TABLET

TO INTRODUCE "ICYGLO"
WE WILL SEND CARRIAGE PAID

3 DOZ. 3D. TABLETS AT 24/- GROSS AND 1 DOZ. FREE.

THUS SHOWING A PROFIT OF

ON YOUR FIRST COST.

3 doz. 3d. "ICYGLO" at 24/-= 6/- Realizes 9/1 ,, 3d. ,, FREE ... ,, 3/-

COSTS 6/- Realizes 12/-

CARRIAGE PAID WITH SHOWCARD.

CASH WITH ORDER.

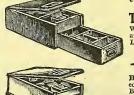
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A CHEMIST'S LINE FOR 100 YEARS

Chemists all over the country have been making good profits from this fine old Baby Food for 100 years.



Sent on 14 days approval



Upon receipt of Cash or two wholesale trade references.

The "Little Brilliant" Till.
Well seasoned highly polished solid mahogany, dovetailed edges, Alarm Bell, 32/Lock and key to lid. Size 16x8; vol. 32/Paper Coils 24 in. wide, 4/-doz.
List No. CD933 of other Tills free.

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Highly polished solid manegany, dovetailed edges, checkaction to drawer, Alarm 84.

Bell. Lock and keytolid, Size18x97x, 44.

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THESE PASTILLES should be stocked by all chemists. Lakerol has been well advertised, and a still bigger advertising campaign will be entered upon during the approaching season. Lakerol is strongly recommended by doctors, nurses and all its users, including many eminent English singers, speakers, actors and actresses.

LAKEROL BRAND BRONCHIAL PASTILLES SHOW NEVER LESS THAN 5d. PROFIT EVERY TIME YOU SELL Sell to the public at 1/3. Price to Chemist, 10/- dozen,

★ The following Window Display Parcels are offered to Chemists on condition that a Window or Counter Display of not less than 14 days is given.



Bought Display 62 profit

PARCEL No. 1 Bonus 6 Tins. 3 Doz. OUTLAY - £1 10 0

PROFIT - £1 2 6 or 6d. per Tin.

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6 Doz. Bonus I Doz. 21% Cash Discount,

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12 Doz. Bonus 2 Doz.

5% Cash Discount. OUTLAY - £5 17 0 PROFIT - £4 16 0

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NOTE.—If you want your purchase to be invoiced through your wholesaler send order to us giving your wholesaler's name. We send the parcel. Your wholesaler will invoice.

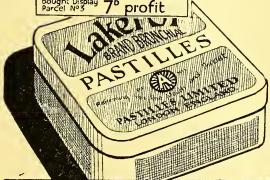
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Send orders and enquiries to-

PASTILLES.

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From September 1st to October 15th we are offering the bonus of $7\frac{1}{2}$ per cent., which was such a success last year. This offer is entirely apart from, and in addition to, the usual trade discount.

Marmite is quickly being recognised as the world's richest source of the essential Vitamin B, which strengthens the digestion, promotes healthy growth, and tones up the whole system.

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1 oz. Jar	s, per doz	. 6/-	8 oz. Jars,	½ doz. 15/	-
2 OZ. ",			8 oz. "	per doz. 30/-	-
4 oz. "	,,	18/-		per doz. 54/-	

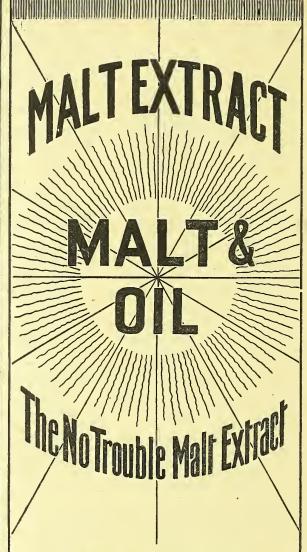
MARMITE

ACENTS .

SCOTLAND AND FOUR NORTHERN COUNTIES: D. Macaulay, Ltd., 99, Glassford Street, Glasgow: IRELAND: Hayward & Mageean, 7, Bedford Street, Belfast, and 32, Upper Fitzwilliam Street, Dublin.

MARMITE FOOD EXTRACT CO., LTD.

Mincing Lane House, 59, Eastcheap, London, E.C.3.



The Malt that cannot crystallise.

We are constantly receiving unsolicited testimonials regarding the quality of our Products. All our Customers are satisfied.

Are you as well satisfied with your present supply?

Write us for samples and prices.

JEFFREYS MILLER & Co., Ltd. LEYLAND MILLS, WIGAN.

'Phone: WIGAN 327.

Telegrams: "MALTUM." WIGAN.

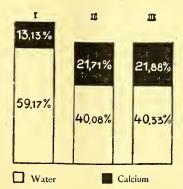


Norwegian Medicinal Cod Liver Oil

Growth-Promoting
Anti - rachitic

The remarkable results obtained by modern vitamin research have led to a worldwide record-breaking consumption of Norwegian Medicinal Cod Liver Oil.

The diagrams reproduced herewith cover experiments made on six animals during a period of eight weeks. The first lot (I) was put on a ricket-promoting diet. The second and third lots (II, III) were given the same



diet, with the addition of a daily dose of two milligrammes of Norwegian cod liver oil. The diagrams show the composition of the animals' bone substance at the end of the period.



Someone to play with! Someone to Work with!

THE way to PROFITS, as to pleasure, lies in co-operating with someone who is of your way of thinking and working to the same end.

Link up YOUR effort to OURS. Write for details of Window Display terms. $33\frac{1}{3}\%$ profit on turnover.

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Roboleine THE FOOD THAT BUILDS THE BODY

A jar or two of thick, creamy

New Zealand Imperial Bee Honey

shown on your counter, will begin a steady and increasing sale. Once your customers try it, they keep ordering, and, more, they tell their friends about it.

CASES per dozen, carriage paid.

48/1's	Glass	Screv	v-top	Jars	at	14/-
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GUARANTEED PURE and WITH-OUT PRESERVATIVES, rich in Vitamin B, all nutriment, easily digested and mildly laxative.

If you cannot obtain supplies through your Wholesalers, write to:

A. J. Mills & Co., Ltd 14 Tooley Street, London, S.E.1 ORDER NOW FOR WINTER TRADE



Mason's Ginger Wine Essence

QUICK

GOOD PROFIT

Liberal Window Show Allowance Artistic Display Material

SEND FOR PRICES.

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"A Tower of Strength" "Edme

EXTRACT OF MALT COD LIVER OIL

A perfect blend of Malt Extract made from selected barleys only and the finest Norwegian Cod Liver Oil obtainable.

The best that money and science can produce.

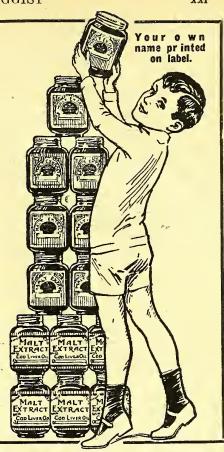
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Telephone: Regent 6719.

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"Your Customers for Horlick's"

A Picture of Health!

In reply to that general verdict your name may often be mentioned as having recommended Horlick's when she needed a supplementary nutrient. It was sound advice and she proves it; other parents note the result of it, and that's how new customers for Horlick's come to you.

Price-protected. and sales directed through Chemists.



Horlick's Malted Milk Co., Ltd., Slough, Bucks.

(Mail 1988)

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Specialists in the Manufacture of-HORSEHAIR FLESH

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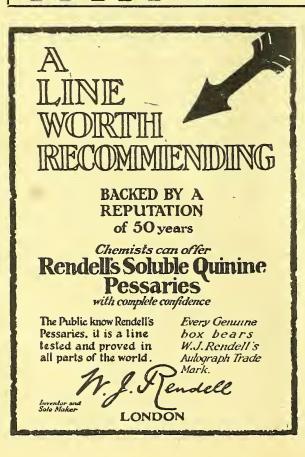
Wholesale and Export. LAWRENCE & CO.

"Wimaco" Specialities, British and Best. SOOTHERS—All Rubber, with Ribbed, Ordinary or Cherry Teat INSIST ON WIMACO MONARCH SEAL BRAND (Regd.). THERE IS NO SUBSTITUTE FOR WIMACO. WINCHESTER MANUFACTURING CO., LTD., ISLEWORTH, MIDDLESEX

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in preserence to all others? Is it because their customers appreciate a really well made and reliable British article? If you do also, you will send a postcard for Catalogue and gratis samples to:

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Obtainable from all Wholesale Factors.

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THE patent reinforced green band is designed to allow for the wider neck feeding bottles now in vogue. The band will not split and cannot slip off.

ON THE P.A.T.A. THE above is a black and white sketch of the new coloured show card. Size 12½ inches by 8½ inches. We shall be happy to send copies post free on request.

Put up in transparent cartons, ready for sale. No packing or wrapping required. Ensures perfect cleanliness in handling. Packed one dozen in counter display box. No increase in price.

OBTAINABLE FROM ALL WHOLESALE HOUSES.

J. G. INGRAM & SON, LTD.

THE LONDON INDIA RUBBER WORKS HACKNEY WICK - LONDON, E.9

Makers of Fine Surgical India Rubber Products for 80 years.





IMPORTANT NOTICE.

N the 14th and 15th June, 1927, in the High Court of Justice, Chancery Division, before Mr. Justice Tomlin, in the action of J. G. Ingram & Son, Limited, against W. G. Ingram a firm; the Defendants gave an undertaking "Not to use on or in connection with surgical rubber goods the words 'Ingrams' or 'Ingrams London' and not to use in connection with their business in surgical rubber goods whether as part of their trading style or otherwise any name or phrase containing the word 'Ingram' without adequately distinguishing such business and goods from those of this Company."

The articles to which these proceedings relate are the well-known Surgical India Rubber Products manufactured by the Plaintiffs for 80 years under the name Ingram, Ingram's, Ingram's London.

J. G. INGRAM & SON, LTD., The London India Rubber Works, HACKNEY WICK, E.9.

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Is the recognised corrective device for crooked big toes, bunions, enlarged, painful joints and overlapping toes. Its enormous sale is being continually increased by a steady flow of national advertising in all the most widely circulated uewspapers and magazines. Dr. Scholl's Toe-Flex shows a satisfactory margin of profit. Made of pure Para rubber in three sizes. Retail price, 2/- each.

Write to-day for full particulars.

The SCHOLL MFG. CO., LTD. Granville Square, London, W.C.1:







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CRÉPE BANDAGES

Recommended by Doctors and Nurses. Delightfully soft and clinging. Washable, hygienic, rubberless. Stock "Flesh Colour," practically invisible under silk stockings. Made in 2" 2½" 3" 3½" 4" widths.

Essential for Varicose Veins

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TONIC FLESH-CLOTHS

By tonic action refresh the skin and ensure a youthful and unwrinkledcomplexion. Never get "slimy," and always retain their tonic quality. Quick sellers and show full margins of profit.

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CRÉPE BINDERS

For all cases where adaptability, elasticity and support are needed. Made in 6", 8" and 11" widths. Hygienic, soft and strong, they will stretch to double their length. Essential in all surgical cases and

Invaluable in Maternity

All made up in neat packages for the counter. Ask for Norvic Showcard from your wholesaler, or direct from the sole manufacturers:

GROUT & CO., LTD., 35 WOOD ST., E.C.2.

Stocked by all leading wholesalers.

An effective, absolutely simple, cheap dressing, for the cure of VARICOSE ULCERS, CHRONIC ECZEMA, INFLAMED ECZEMA.

Used by thousands of physicians with success all over the world.

VARICOSAN-BANDAGE

(Varix-Sanare)

Being extensively advertised to the Medical Profession.

ASK FOR PARTICULARS TO YOUR WHOLESALE HOUSE,



Stocks held by Colonial Houses:

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Sole Concessionnaire for Great Britain & the Colonics, U.S.A., China & Japan &

J. P. MADDEN, F.C.S.

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Cables - - "LANDSLOH, LONDON."

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The public is asking for ZEAL
CLINICAL
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GUARANTEED TO STAY ACCURATE
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Boric Socks

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COST 3/- doz.

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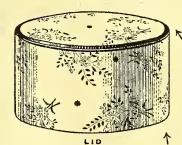
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For Sample Pair (state size) send P.C. to

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NOTE ITS GOOD POINTS

- Flanged bottom which enables lid to be taken off easily.
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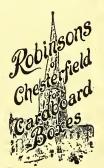
Wheatbridge Mills, Holmebrook Works. Walton Works. Portland Works.

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Robinson & Sons, Ltd.

Manufacturers of Round, Oval, Square and Folding Cardboard Boxes,

Chesterfield & London



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Chemists & Druggists

Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS 6/11,8/11,10/6
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STOCK SIZES: 34 to 44 chest; measure over waistocat; Special pochets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid. SPECIAL PRICES FOR LARGE QUANTITIES.

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MANY SUCCESSES IN THE EXAMINATIONS Your Opportunity to

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MANUFACTURING CHEMISTS & DRUGGISTS, PERFUMERS, Etc.

This high-grade spirit is odour-free and can be used medicinally. It exceeds all B.P. requirements, and has withstood the most stringent tests known to the pharmacist.

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B.P.

Hydrous

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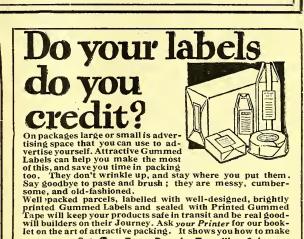
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Our organotherapeutic products are made from fresh glands of healthy food animals in our own laboratory, under the supervision of competent chemists. All moisture has been removed from these gland products and they will keep indefinitely if contents are not exposed to moisture and bottle is kept tightly corked.

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